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#### VIA PRIORITY OVERNIGHT

Mr. Steven E. Kinser Remedial Project Manager Waste Management Division U.S. Environmental Protection Agency - Region VI 726 Minnesota Avenue Kansas City, Kansas 66101

**Subject:** 

**Rose Chemicals Site Remedial Action** 

**Final Remedial Action Implementation Report** 

Ercak: Other:

Dear Mr. Kinser:

In accordance with the requirements of the September 4, 1992 Administrative Order for Remedial Design and Remedial Action, Docket No. VII-92-F-0026, and the November 30, 1992 Modification to the Order, we are submitting, on behalf of the Rose Chemicals Steering Committee, five copies of the Final Remedial Action Implementation Report (RAIR) for the Martha C. Rose Chemicals Site, Holden, Missouri.

The report summarizes activities completed during the Remedial Action and identifies changes and additions to the approved specifications. report format corresponds with the outline identified in the Administrative Order. Final as-built drawings were submitted with the Draft version of this report, and are not attached herein. Additional copies of the drawings are available upon request.

This letter also requests that EPA provide written Certification of Completion of the remedial action. Section 2 of this report includes signatures from the appropriate parties verifying completion of the remedial action work and the accuracy of this report.

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Fax (703) 548-8773

Mr. Steven E. Kinser February 2, 1996 Page 2

Please feel free to call me at (703) 739-1232 or Ellen Fitzpatrick at (703) 739-1262 with any questions.

Sincerely,

R. Robinson
Robin J. Robinson
Project Coordinator

#### Attachments

cc: Rose Chemicals Technical Committee

Rose Chemicals Steering Committee

J. Foster, MDNR

S. Zabel, SH&W

E. Fitzpatrick, CSI

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# Remedial Action Implementation Report

### **Rose Chemicals Site**

Holden, Missouri

prepared for:

Rose Chemicals Steering Committee

prepared by:

Clean Sites, Incorporated Alexandria, Virginia

submitted to:

U.S. EPA Region VII Kansas City, Kansas

January 18, 1996



Revised 2-5 3-7 5 teven Kinen 4/1/96

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#### OVERVIEW OF REMEDIAL ACTION IMPLEMENTATION REPORT

This Remedial Action Implementation Report (RAIR) documents the completion of the Remedial Action (RA) at the Rose Chemicals Site and summarizes future operation and maintenance (O&M) activities. The RAIR is divided into six sections. Section 1 provides background information concerning the Rose Chemicals Site up to the start of the RA. Section 2 provides a synopsis of completed RA tasks and includes certifications of the work. Section 3 documents changes and additions to the approved Remedial Design and RA documents that were implemented during the RA. Section 4 presents the performance criteria for judging the effectiveness of the RA. Section 5 discusses the post-excavation verification results that document achievement of performance criteria. Section 6 provides a summary of the O&M Plan. Analytical and geotechnical results and as-built drawings are included as attachments to this report.

This document is submitted in accordance with the requirements of the Administrative Order for Remedial Design and Remedial Action, Docket No. VII-92-F-0026, issued by the United States Environmental Protection Agency (USEPA) on September 4, 1992, and the Modification to the Order issued on November 30, 1992.

# SECTION 1 INTRODUCTION

The following discussion provides a history of activities at the Martha C. Rose Chemicals, Inc., (Rose Chemicals) Site and describes the Administrative Orders, Record of Decision, and the Remedial Design submittals that lead to implementation of the Remedial Action.

#### 1.1 Site History

The Rose Chemicals Site is located in the City of Holden, Johnson County, Missouri as shown in Figure 1.1. The Site is limited to the property upon which Rose Chemicals operated and the contiguous areas to which polychlorinated biphenyls (PCBs) were released as a result of Rose Chemicals' operations. This includes East Pin Oak Creek and an intermittent unnamed tributary of East Pin Oak Creek, which flows through the southwest corner of the Site. The Site is located at 500 West McKissock Street, north of Missouri Highway 58. The 13-acre Site contained two major buildings, the Main Building and the South Warehouse, that had a combined floor area greater than 100,000 square feet.

In 1982, Rose Chemicals began operations as a PCB-processing facility. The USEPA authorized Rose Chemicals to decontaminate mineral oil dielectric fluids containing PCBs at concentrations equal to or less than 10,000 milligrams per liter (mg/l), and to dismantle and decontaminate PCB transformers and capacitors for the purpose of recycling metals and disposal of nonrecyclable materials. During its period of operation, Rose Chemicals received approximately 23 million pounds of PCB materials. Rose Chemicals ceased operations at the Site in February 1986, abandoning approximately 14 million pounds of PCB materials. As a result of Rose Chemicals' operations, PCBs were released to the environment.

On November 12, 1986, USEPA issued an Administrative Order on Consent (AO1), Docket No. 86-F-0019, to the Respondents, the Rose Chemicals Steering Committee (RCSC). Pursuant to AO1, the RCSC containerized and secured PCB solids and liquids and completed a waste inventory.

Following the inventory, USEPA issued another Administrative Order (AO2) on October 19, 1987, Docket No. 87-F-0007, to the RCSC to remove PCB solids and liquids from the Site and to conduct a Remedial Investigation/Feasibility Study (RI/FS) at the Site. Under the terms of AO2, PCB waste was disposed of in a Toxic Substances Control Act (TSCA)-permitted chemical waste landfill or treated at a TSCA-permitted incineration facility. The RCSC also conducted the RI/FS. In February 1990, the RCSC submitted to USEPA the Report on the Remedial Investigation of the Rose Chemicals Site, Holden, Missouri, which was prepared by Burns and McDonnell Engineering Company. The RI identified PCBs in surface and subsurface soils, pond sediments, the sediments of East Pin Oak Creek and an unnamed tributary to East Pin Oak Creek, and in site buildings. The following information concerning site conditions was concluded from the RI:

Limited surface soils contained PCBs at concentration greater than 500 mg/kg;

- Subsurface soils contained PCBs at concentrations up to 700 mg/kg;
- Sediments in East Pin Oak Creek and its unnamed tributary contained PCBs at concentrations up to 293 mg/kg; and
- Buildings, including concrete floor slabs, contain PCBs at concentrations up to 670,000 mg/kg.

The <u>Feasibility Study for the Rose Chemicals Site</u>, <u>Holden</u>, <u>Missouri</u>, prepared by Burns and McDonnell Engineering Company, was submitted by the RCSC to USEPA in September 1990. The FS evaluated six remedial alternatives and screened out all but:

- Alternative 4—removal and disposal of the PCB-containing sediments, removal and disposal of the site buildings, and capping of the Site; and
- Alternative 6—removal and disposal of the PCB-containing sediments, removal and disposal of PCB-containing soils greater than 10 mg/kg PCBs, removal and disposal of the site buildings and concrete floor slabs, and backfilling excavated areas of the Site with clean soil.

#### 1.2 Record of Decision

The USEPA's decision on the RA to be implemented at the Site is embodied in the final Record of Decision (ROD) for the Martha C. Rose Chemicals, Inc., Site issued on March 6, 1992.

The ROD selected Alternative 6 from the FS and included a modification to prevent withdrawal of shallow groundwater. The major components of the remedy chosen by USEPA and detailed in the ROD are:

- 1) removal and offsite disposal of sediments containing PCBs concentrations in excess of 0.18 mg/kg from the East Pin Oak Creek and the unnamed tributary;
- 2) removal and offsite disposal or treatment and disposal of surface and subsurface soils containing PCBs concentrations in excess of 10 mg/kg;
- 3) dismantling of the Main Building and South Warehouse, including floor slabs and insulation, and offsite disposal or treatment and disposal of the debris;
- 4) backfilling all excavated areas with clean soil, regrading, and seeding;
- 5) monitoring of ground water for a minimum 10-year period;
- 6) prohibiting by deed restriction the use of ground water at the Site for purposes other than ground water contamination monitoring; and

7) treatment of soils, sediments, and other debris representing a principal threat either on site or offsite prior to disposal.

#### 1.3 Administrative Order for Remedial Design and Remedial Action

On September 4, 1992, USEPA issued an Administrative Order for Remedial Design and Remedial Action (AO3), Docket No. VII-92-F-0026, for the Martha C. Rose Chemicals, Inc., Site in Holden, Missouri. AO3 was issued pursuant to Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. Section 9606(a). AO3 directs the RCSC to perform the Remedial Design (RD) for the remedy described in the ROD and to implement the RD by performing an RA.

On November 30, 1992, USEPA issued a Modification to AO3. The Modification, effective December 17, 1992, amended the language of the earlier Order concerning RD/RA document deliveries and implementation requirements.

#### 1.4 Remedial Design Submittals

Consistent with AO3, the RCSC initiated the RD, retaining Clean Sites, Inc., to develop the RD plans, specifications, and drawings. On January 17, 1993, the RCSC submitted to USEPA the Remedial Design Work Plan and the Remedial Design Site Health and Safety Plan. Attached to the RD Work Plan were 1) the Sampling and Analysis Plan for the collection of concrete cores, and 2) a Remedial Design Quality Assurance Project Plan. The RD Work Plan described data collection efforts to be undertaken and the contents of the Preliminary (60-percent), Prefinal (95-percent), and Final (100-percent) Remedial Design submittals. USEPA approved the RD Work Plan on March 30, 1993.

The RCSC submitted to USEPA the <u>Preliminary Remedial Design Document</u> on June 1, 1993. The Preliminary RD included analytical results from RD concrete sampling, preliminary design plans and specifications, a construction schedule, and the Construction Quality Assurance Project Plan (CQAPP) objectives. The concrete sampling was designed to more clearly define those areas of concrete slabs that represented a principal threat. On June 17, 1993, USEPA approved the Preliminary RD and provided comments for incorporation into the Prefinal RD. On June 30, 1993, the Missouri Department of Natural Resources (MDNR) provided comments on the Preliminary RD.

The RCSC submitted to USEPA the <u>Prefinal Remedial Design Document</u> on August 23, 1993. The Prefinal RD included the RD sampling results; detailed design plans, specifications, and drawings; a Contingency Plan, an Operations and Maintenance plan (O&M Plan); a construction schedule, a cost estimate, RA Health and Safety Plan (RA HSP) specifications, and a CQAPP. On September 14, 1993, USEPA approved the Prefinal RD and provided comments for incorporation into the Final RD.

The RCSC submitted to USEPA the <u>Final Remedial Design Document</u> on October 20, 1993. The Final RD included the RD sampling results; the design plans, specifications, and drawings; the Contingency Plan, the O&M Plan; the construction schedule, the cost estimate, the RA HSP

specifications, and the CQAPP. A <u>Preliminary Remedial Action Field Sampling and Analysis Plan</u> (RA FSAP) was submitted in conjunction with the Final RD. On November 12, 1993, USEPA approved the Final RD (contingent on two changes, which were made and forwarded to USEPA on December 9, 1993).

#### 1.5 Remedial Action Submittals

On behalf of the RCSC, Clean Sites retained U.S. Pollution Control, Incorporated (USPCI) to develop the RA Plans and perform the construction at the Rose Chemicals Site. Notification of contractor selection was provided to USEPA on February 3, 1994. On March 28, 1993, the RCSC submitted to USEPA drafts of the Remedial Action Work Plan, Health and Safety Plan, Erosion and Sedimentation Control Plan, Construction Quality Control Plan, and Site-Specific Emergency Contingency Plan.

USEPA provided comments on the Draft RA Plans on April 6, 1994. These comments were incorporated into the Final RA Plans, which were submitted by the RCSC to USEPA on May 2, 1994. This final submittal also included the <u>Final Remedial Action Field Sampling and Analysis Plan</u>, which was prepared by Clean Sites.

#### 1.6 Records Maintenance

All documents, records, and information relating to performance of the Remedial Design, Remedial Action, and Operations and Maintenance will be preserved for 10 years after receipt of Certification of Completion of the Work. All contractors and subcontractors will be notified of this requirement.

At the conclusion of this period, USEPA will be notified more than 90 days prior to destruction of any records. Upon request by USEPA, any or all of these records will be delivered to USEPA.

# SECTION 2 REMEDIAL ACTION SYNOPSIS AND CERTIFICATION

This Section provides an overview of the major construction and sampling activities that were completed during the Remedial Action and presents the required statements and certification.

#### 2.1 Construction and Sampling Activities

The Remedial Action construction started on May 2, 1994 with the mobilization of site trailers and the construction of the Support Zone. A Pre-Construction meeting was held on the same day which was attended by representatives of all parties involved in the project: USEPA, MDNR, Clean Sites, USPCI, PSARA, Burns & McDonnell Waste Consultants, Inc. (B&MWCI), and the RCSC. Actual construction activities started on May 9, 1994 and were completed in August 1995. The Prefinal Inspection was held on August 3, 1995.

Most of the construction was completed prior to the Prefinal Inspection. Between the Prefinal and Final Inspections, backfilling and seeding activities were finished to conclude the Remedial Action. The Final Inspection identified the need for minor repairs to the cover caused by erosion and reseeding of areas where vegetative growth was thin. The construction contractor has since addressed these outstanding items. A synopsis of the major activities completed during the construction follows.

#### 2.1.1 Building Demolition

The superstructures of the Main Building, South Warehouse, and the Shed were demolished and removed from the Site. Building demolition included removal and disposal of sheet metal, structural steel ("I" beams), pipes, insulation, wood, concrete blocks, an overhead crane, buried sewer lines and pipes, and other building-related material. Insulation was removed separately and treated at a TSCA/Resource Conservation and Recovery Act (RCRA) incinerator. The remaining material was disposed of at a TSCA landfill.

No building materials were sampled.

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#### 2.1.2 Concrete Demolition

Concrete in the Main Building, South Warehouse, and the Shed were demolished and removed from the Site. Concrete demolition included removal and disposal of reinforced slabs, footers, subbase material, and gravel and concrete fill. Most of the material was located in the building areas, but an additional concrete footer was encountered west of the South Warehouse. Concrete was either disposed of at a TSCA landfill (landfill concrete) or treated at a TSCA/RCRA incinerator (PCB concrete) prior to disposal. A small quantity of landfill concrete was disposed of at a RCRA Subtitle D Special Waste landfill.

PCB Concrete was core sampled and analyzed for hazardous characteristics prior to disposal.

Landfill concrete was pile sampled and analyzed for PCB content and hazardous characteristics prior to disposal.

#### 2.1.3 Soil and Pond Sediment Excavation

Soil and pond sediment above the USEPA performance standards (see Section 4) were excavated and removed from the Site. Soil was excavated from beneath the Main Building, South Warehouse, and Shed. Soil and pond sediment was also excavated from areas outside the buildings and from around buried stormwater and sewer pipes. Subsurface stormwater pipes were removed, except for a length of pipe collocated with a water main. A portion of the Holden sanitary sewer pipe was also removed from the Site. Soil was either disposed of at a TSCA landfill or treated at a TSCA/RCRA incinerator. Pipes were disposed of at a TSCA landfill.

The first lift of known PCB soil was sampled in place and characterized for hazardous characteristics prior to disposal. Subsequent lifts of soil in PCB areas were initially field screened for PCB content using an immunoassay procedure. This field screening was later replaced with laboratory analysis. Performance verification analysis was performed in the laboratory.

Soil in trench areas was sampled and analyzed for PCB content using both an immunoassay field screen procedure and laboratory analysis. Performance verification analysis was performed in the laboratory.

The final extent of excavation is depicted in Attachment 1.

#### 2.1.4 Stream Sediment Removal and Backfilling

Stream sediment above the USEPA performance standard (see Section 4) in East Pin Oak Creek and the unnamed tributary to East Pin Oak Creek were excavated and removed from the Site. Sediment was removed to bedrock or 4 feet depth in each waterway. Excavated sediment was loaded directly into trucks and transported to a TSCA landfill for disposal. Some sediment was mixed with a desiccant prior to disposal. Excavated areas were backfilled with clean sand and gravel.

Stream sediment was sampled in place and analyzed for hazardous characteristics and PCB content prior to excavation and disposal.

#### 2.1.5 Waste Disposal

Waste material above USEPA performance standards (see Section 4) and other waste streams were disposed of offsite. These wastes included building debris, concrete, subbase material, soil, sediment, stone, wastewater sludge, spent granular activated carbon, buried trash, buried pipes, and other miscellaneous waste. The first load of waste left the Site on June 11, 1994; the last load was shipped on January 24, 1995. There were 2,435 truck loads of waste (31,419 tons) shipped offsite. Four waste facilities were utilized during the RA: USPCI Grayback Mountain Landfill (30,266 tons of TSCA waste), Aptus Aragonite Incinerator (648 tons of TSCA/RCRA waste), Aptus Coffeyville Incinerator (385 tons of TSCA/RCRA waste) and Waste Management Forest View Landfill (120 tons of TSCA waste with less than 50 ppm PCB). Municipal waste

was disposed of at a local municipal (Subtitle D) landfill. A summary of waste disposal, by facility and manifest number, is presented in Attachment 2.

#### 2.1.6 Monitoring Wells

Four deep and four shallow monitoring wells (a total of 8 wells) were installed adjacent to the Site. Monitoring well (MW) 207, an existing shallow well, was damaged during the construction. It was located in close proximity to a storm sewer pipe. This well was replaced with monitoring well MW-207R, which was positioned 10 feet away from its original location. Twenty-three QED Well Wizard sampling systems were installed in the long-term monitoring wells (15 existing and eight new wells). Existing monitoring wells in the long-term network were redeveloped during the RA. Well locations are depicted on the as-built drawings. Monitoring well records and survey data are presented in Attachments 3 and 4.

Drill cuttings generated during sampling well installation were sampled and analyzed for PCB content prior to use as onsite fill.

#### 2.1.7 Erosion Control

Erosion control measures were utilized during the RA in onsite and offsite locations. Silt fencing was erected along East Pin Oak Creek and its unnamed tributary. Silt fencing was installed onsite to preclude erosion during the construction. Erosion control matting and mulch were placed after backfilling to reduce erosion while vegetative growth is established.

#### 2.1.8 Site Clearing

Trees and brush were removed along East Pin Oak Creek and its unnamed tributary. Most of the trees were chipped and spread onsite. Some trees were left near the creek as habitats for local wildlife.

#### 2.1.9 Wastewater Treatment

Wastewater generated during the construction was treated using a modular trailer-mounted wastewater treatment system with the resultant effluent being irrigated onsite. Initially, treated effluent was stored in holding tanks prior to discharge. This batch mode was replaced with a continuous mode with the same sampling requirements. Approximately 800,000 gallons of wastewater was treated during the RA. The wastewater treatment system was dismantled toward the end of the RA and either disposed of offsite or reused, depending on the component.

Treated wastewater samples were collected and analyzed for PCB content, volatile organics content (VOC), total suspended solids, and pH approximately every 20,000 gallons of wastewater treated. Wastewater treatment sludge and used granular activated carbon was sampled and analyzed for PCBs, VOCs, semi-volatile organics, metals, and pesticides.

#### 2.1.10 Staging Areas

Changes in sampling protocol and sequencing of events were implemented to expedite the construction schedule and to limit the amount of waste handling. Consequently, staging areas were built in two areas: in the Main Building and near the personnel decontamination trailer. Staging areas were only used when needed. A stream sediment dewatering facility for sediment was not constructed.

#### 2.1.11 Transload Facilities

Two transload facilities (one in Lee's Summit, Missouri, the other in Kansas City, Missouri) were used during the RA. Both facilities are owned by Union Pacific, the parent company of USPCI. Most waste was transported to the Lee's Summit facility. The Kansas City facility unloaded intermodal (enclosed) boxes only. After rail transportation by gondola car was no longer necessary, the transload platform was removed and the area decontaminated.

#### 2.1.12 Surveying

Surveying was conducted to assist with sample and well location and backfilling. Surveying was conducted to show stream and site backfill elevations, establish the grid sampling system, and to establish well coordinates and elevations. Additional surveying was performed to support documentation of backfill volumes. Final as-built drawings for the stream and site backfill have been stamped by a professional land surveyor and are attached to this report. Surveying was conducted by Bucher, Willis and Ratliff of Kansas City, Missouri under subcontract to USPCI.

#### 2.1.13 Fill Materials

There were five types of offsite fill used during the RA: fill dirt, topsoil, sand, gravel, and rip-rap. Onsite soil was also used as fill after PCB soil excavation was completed. Fill materials were tested prior to bringing them onsite. Sand, gravel, soil, and topsoil were analyzed for PCBs, all of which passed the performance standard. Geotechnical testing was performed on sand, gravel, soil, and topsoil. Topsoil did not meet the organic matter content specification; however, mulch was applied as a supplement. The specification for gravel was revised from a 1/2-inch stone to a 3-inch stone.

Source geotechnical and analytical results are presented as follows: Type S1 soil -- Attachment 5; Type S2 soil -- Attachment 6; Type S3 soil -- Attachment 7; Type A2 aggregate -- Attachment 8; and Type A3 aggregate -- Attachment 9.

#### 2.1.14 Quality Assurance/Quality Control

Various quality assurance/quality control (QA/QC) documentation were generated during the project. USPCI completed quality control reports. B&MWCI generated quality assurance reports. PSARA validated analytical data and collected and analyzed QA/QC samples. Clean Sites maintained daily construction logs and weekly meeting minutes. The aforementioned documentation is recorded in the project files.

#### 2.1.15 Backfill and Grading

Portions of the Site were cut and filled with existing material after analytical results demonstrated achievement of performance standards. Prior to the Prefinal Inspection, the Site was graded to accept the final 10-inch cover and compacted. During spring 1995, a minimum of six inches of fill dirt and 4 inches of topsoil were laid over the eastern portion of the Site. The fill dirt was compacted to 90 percent of its standard proctor density. The topsoil was placed and graded to promote natural drainage. Two drainage swales were created -- one to convey stormwater from McKissock Street, and the other to increase drainage of the flat northeastern section of the Site. Mulch and fertilizer were added to the topsoil to increase its organic content and assist with vegetative growth. Types S1, S2, and S3 in-situ compaction results are presented in Attachments 10, 11, and 12, respectively.

Initially, the unnamed tributary was backfilled with sand, compacted, and then filled with a minimum of 12 inches of gravel, as stated in the specifications. Because of the difficulty in compacting the sand, the sand layer was replaced with all gravel. Replacement started between the Montgomery property bridge and the Holden Publically-Owned Treatment Works (POTW) driveway. The 1/2-inch to 1-inch diameter gravel layer was replaced with a 3-inch stone. The larger stone was used because of its superior resistance to erosion. Because of the larger stone, the final elevation tolerance was modified to +0.5 feet/-1.5 feet. Six cross-sections did not meet this criteria after initial backfilling. They were subsequently graded to meet the specification.

Areas adjacent to the Holden POTW that were affected during construction were graded prior to seeding.

#### 2.1.16 Chain-Link Fence

A new chain-link fence was installed along the southwest portion of the Site. The southwestern fence line, which originally was to correspond to the property boundary, was moved north of, and adjacent to the unnamed tributary. This precluded the possibility of fence damage during storm events and was approved by the City of Holden. Man gates were installed in three locations along the site fence to allow access to monitoring wells. Damaged portions of the fence were also repaired.

#### 2.1.17 Seeding

The eastern portion of the Site was seeded with the spring seed mixture as identified in the specifications. The seed was mixed and bagged locally. Based on recommendations of the local seeding contractor, rye seed was increased by 15 pounds per acre. After the Final Inspection it was decided that additional seeding would be required. Subsequently, the entire eastern portion of the Site was also overseeded with Korean Lespedeza and Climax Timothy grass seed and fertilizer, as recommended by the seeding contractor.

#### 2.1.18 Health and Safety

A noteworthy statistic for the Site was that no health and safety incidents occurred during the RA. The construction was completed without a lost-time injury.

#### 2.2 Certification

According to Paragraph 37 of AO3, statements and a certification are required with regard to the completion of the RA and the contents of this report. Clean Sites, the Respondents' Project Coordinator, was responsible for: 1) overseeing the implementation of the remedy on behalf of the Potentially Responsible Parties (PRPs), 2) providing engineering and technical support during the project, and 3) coordinating and managing the sampling contractor whose responsibility was to collect analytical data to document compliance with the Performance Standards and other performance criteria. Accordingly, statements as to the completion of the RA are provided herein.

Other certifications required by AO3 include as-built drawings and accuracy of the contents of this report. As-built drawings showing backfill contours for the site and the creeks have been stamped by a Missouri-licensed professional land surveyor and were distributed under separate cover (as attachment to the Draft Remedial Action Implementation Report). A professional land surveyor is the appropriate discipline because of the nature of the work (documenting intermediate and final elevations). This report was reviewed for accuracy by a representative of the Respondents and has been signed by that Respondent's Corporate Official. The necessary statements and certification (except for the as-built drawings) are presented on the following page. These reflect the state of the RA as documented in this report and the Final Inspection Report dated August 21, 1995.

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#### STATEMENT BY PROJECT ENGINEER

"To the best of my knowledge, the Remedial Action has been completed in full satisfaction of the requirements of the Administrative Order for Remedial Design and Remedial Action, Docket No. VII-92-F-0026 for the Martha C. Rose Chemicals, Inc. Site, dated November-30, 1992."

Signed

Date

Project Engineer

024856/VA

P.E. License No./State

#### STATEMENT BY RESPONDENTS' PROJECT COORDINATOR

"To the best of my knowledge, the Remedial Action has been completed in full satisfaction of the requirements of the Administrative Order for Remedial Design and Remedial Action, Docket No. VII-92-F-0026 for the Martha C. Rose Chemicals, Inc. Site, dated November 30, 1992."

Signed

Date

Title

#### CERTIFICATION BY A RESPONSIBLE CORPORATE OFFICIAL OF A RESPONDENT

"To the best of my knowledge, after thorough investigation, I certify that the information contained in or accompanying this submission is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sign

ROSECHEMICALS TECH SUBCOMMITTES CHAIRMAN

New England Power Service Co. Company

# SECTION 3 MODIFICATIONS TO REMEDIAL DESIGN AND REMEDIAL ACTION PROJECT PLANS

This Section details the modifications made during the Remedial Action to the Remedial Design Specifications and Remedial Action Work Plan, the Remedial Action Field Sampling and Analysis Plan, the Site-Specific Emergency Contingency Plan, the Erosion and Sedimentation Control Plan, the Construction Quality Control Plan, the Transloading Plan, and the Construction Quality Assurance Project Plan.

#### 3.1 Remedial Design Specifications and Remedial Action Work Plan

The Remedial Action Work Plan was prepared to conform with the Remedial Design Specifications. During the RA, changes were made to the specifications to facilitate the implementation of the remedy. Major changes were either documented in writing or discussed orally with USEPA. Minor field changes were documented in daily reports. As a result, these changes affected the Work Plan. The Work Plan was not modified, however, because substantive changes were covered in the specifications.

Modifications to the design specifications are discussed in the following subsections and are ordered sequentially by specification section number.

#### 3.1.1 Field Engineering (Section 01050)

PSARA, the sampling contractor, provided intermediate surveying of composite grab sample locations during excavation of contaminated soils. USPCI provided initial surveying to establish the sampling grid system and the composite area boundaries. Because of the iterative excavation and sampling process, it was necessary to relocate the expanding composite area boundaries and grab sample locations. The boundaries and sample locations were based on the existing grid system.

Bucher, Willis & Ratliff, the site surveyors who subcontracted to USPCI, provided the final asbuilt drawings for site backfill and creek backfill. The drawings were stamped by a professional land surveyor. Because the RA was primarily excavate and fill (there was nothing built as part of the remedy), a land surveyor was appropriate for stamping the as-builts. Final as-built drawings are included with this report.

#### 3.1.2 Project Meetings (Section 01200)

Communications with USEPA were maintained regularly via telephone conversations and site visits by the Remedial Project Manager (RPM) and the oversight contractor. USEPA or their oversight contractor participated in some of the weekly progress meetings. Because of the level of involvement by USEPA, weekly progress reports were not forwarded to USEPA. Weekly progress reports were forwarded to MDNR to keep them apprised.

Clean Sites prepared the Prefinal Inspection Report and the Final Inspection Report instead of

USPCI. Clean Sites will prepare the Draft and Final Remedial Action Implementation Reports instead of USPCI.

#### 3.1.3 Submittals (Section 01300)

Changes to specific submittal information is detailed in the appropriate specification section. Not all submittals identified in this section were submitted by USPCI. Some were obsolete because of changes to the specifications or field procedures. Submittals were referenced by subject instead of sequential numbering. USEPA was not copied on submittals during the RA. The more relevant submittals are attached to this report.

#### 3.1.4 Health and Safety (Section 01390)

See Section 3.3 of this report.

#### 3.1.5 Quality Control (Section 01400)

The USPCI QC Officer reported daily QC activities in the daily report instead of in separate QC reports.

#### 3.1.6 Construction Facilities and Temporary Controls (Section 01500)

Twenty-four hour per day security was provided by USPCI though their contract with Wheelan Security. Clean Sites paid for this service directly.

Stormwater could not always be prevented from entering open excavations. Stormwater that pooled in active PCB areas was conveyed to the wastewater treatment system.

#### 3.1.7 Disposal of Materials (Section 01900)

A layer of subbase (gravel, crushed stone, silt) was encountered beneath the Main Building and South Warehouse. This material was disposed of at a TSCA landfill along with the overlying concrete. Subbase beneath PCB concrete was tested to determine if incineration was required. All samples passed the incineration criterion (see letter to USEPA dated August 17, 1994).

Gravel fill was encountered beneath the loading dock and the large pit in the Main Building. This material was used as structural fill during building construction. The gravel was analyzed for hazardous characteristics and disposed at a TSCA landfill (see letter to USEPA dated August 17, 1994).

Originally, building material was to be disposed at a TSCA/RCRA landfill to eliminate the need for cumbersome Toxicity Characteristic Leaching Procedure (TCLP) testing. Results from TCLP testing on other waste streams (soil, concrete, sediment), prior to building material disposal, showed no characteristic hazardous wastes. In order to streamline waste disposal, building material was disposed at the same TSCA landfill as the other wastes (see letter to USEPA dated August 17, 1994).

Wastewater treatment sludge and spent granular activated carbon (GAC) was sampled for hazardous characteristics and disposed in a TSCA landfill.

#### 3.1.8 Building Demolition (Section 02060)

The building demolition sequence was modified to enable the Crane Bay in the Main Building to be used as a staging area. The change in sequence also allowed the construction schedule to be optimized.

#### 3.1.9 Site Clearing (Section 02110)

Most of the trees removed during site clearing were chipped and spread on the site. Because of scheduling difficulties, some trees that were cleared near the old trestle bridge adjacent to East Pin Oak Creek were piled to the side. The timber provides a habitat for wildlife.

#### 3.1.10 Soil Materials (Section 02205)

PCB testing for Types S1 (fill dirt) and S3 (topsoil) fill was to be completed at a rate of one per 1,000 cubic yards (CY) during backfilling. This procedure assumed that soil would be stockpiled onsite rather than dumped directly from trucks. Soils were not stockpiled onsite during backfilling because a substantial schedule delay would have been realized. Source characterization sampling by USPCI and the independent quality assurance team (IQAT) provided ample PCB data. As it turned out, one sample was collected (at the source) for every 1,000 to 2,000 CY of soil, which is consistent with the intent of the original sampling scheme. No PCBs were detected in any fill material.

Soil type testing was not performed on Type S2 (onsite soil) soils. This requirement was not critical because soil type testing was conducted during the remedial investigation. One standard proctor test was performed on Type S2 soils instead of the two that were specified.

Organic matter content for Type S3 soil was approximately 3 percent, less than the 5 percent specification. The topsoil characteristics are typical for the area. USPCI was notified of the deficiency and proposed to augment the topsoil with fertilizer to increase the success of establishing vegetation for the Site. They are committed to providing a guaranteed stand of grass.

#### 3.1.11 Aggregate Materials (Section 02207)

PCB testing for Types A2 (gravel) and A3 (sand) aggregate was to be completed at a rate of one per 500 CY during backfilling. This procedure assumed that aggregate would be stockpiled onsite rather than dumped directly from trucks. Most of the aggregates were not stockpiled onsite during backfilling because a substantial schedule delay would have been realized. Source characterization sampling by USPCI and the IQAT provided ample PCB data. As it turned out, one sample was collected (at the source) for every 500 to 1,000 CY of aggregate, which is consistent with the intent of the original sampling scheme. No PCBs were detected in any fill material.

Type A1 (riprap) aggregate was replaced with shot rock (4 to 16 inches). The larger stone was

used for erosion control at the POTW outfall and along the bank of East Pin Oak Creek.

Type A3 aggregate was to be placed as backfill in the creeks because shallow excavation depth were anticipated. Most of the creek length was excavated to a depth of 3 to 4 feet below grade. As a result, groundwater seeped into the excavation, making it difficult to place and compact the sand. After placing sand for approximately half the length of the unnamed tributary, it was determined that gravel would be better suited for the application. Therefore, gravel was used to backfill the creeks.

One soil type test and one standard proctor were completed for Type A3 aggregate instead of the two that were specified. This was deemed appropriate because of the small volume of sand that was used.

Type A2 aggregate was replaced with a larger gravel. The larger gravel, which was locally available, ranged from 1 to 3 inches and provided better resistance to erosion during the stream bed regeneration (see letter to USEPA dated December 12, 1994).

#### 3.1.12 Final Grading (Section 02210)

Topsoil and soil fill were blended into the existing topography adjacent to the site fence. Tapering the fill at the perimeter is more aesthetically pleasing than an abrupt change in elevation.

In-situ testing of placed topsoil revealed an average organic matter content of 4 percent. The topsoil will be augmented with fertilizer to ensure adequate vegetative growth. Refer to Section 3.1.10 for more details.

Final site elevations were based on a minimum of 10 inches of clean fill in the eastern portion of the Site. Cut and fill activities were optimized to reduce the amount of fill required while still meeting the cover criterion. The site was surveyed after cut and fill activities were completed and again after final backfilling. The final contours vary slightly from the design drawing, but a minimum of 10 inches of fill was placed on the Site as can be deduced from the two surveys previously mentioned. Two stormwater drainage swales remain onsite to improve drainage and convey stormwater from McKissock Street.

#### 3.1.13 Soil Excavation (Section 02221)

The sequencing of tasks was changed such that soil was excavated concurrently with stream sediment. The volume of PCB soil excavated was much larger than anticipated. The sequence was altered to prevent sediment excavation during wet months and expedite the schedule.

A portion of the storm sewer directly south of the Main Building was unable to be removed because of its close proximity to a high pressure water main. Removing the storm sewer would have jeopardized the integrity of the water pipe. It was decided that the soils beneath the storm sewer would be pre-characterized for PCBs and the pipe closed in place. Samples were collected every 20 feet along a 300-foot section of storm sewer. No PCBs were detected above the performance standard. The top of the pipe was broken and the pipe filled with sand. This procedure was discussed with USEPA prior to its implementation.

The site sanitary sewer line between the Main Building and the Holden sanitary sewer line was completely removed. Excavated soil was disposed of at a TSCA landfill.

The section of Holden sanitary sewer between the southwest site fence and the brick manhole was completely removed. The sanitary sewer pipe was made of vitrified clay, which is very fragile. Rather than jeopardize the operation of the sewer system, it was determined that the pipe and the brick manhole would be removed and replaced. Pre-characterization samples were to be collected every 20 feet by hand augering to approximately 18 inches below the pipe invert. During the auguring, however, bedrock was encountered just below the pipe invert. It was later determined that the sanitary sewer, in this location, laid on bedrock. As a result, no samples were collected. The sewer was excavated to bedrock and the pipe/soil was disposed at a TSCA landfill.

Initially, PCB soil was stockpiled prior to offsite disposal. Soil sampling procedures were modified resulting in pre-characterization of soil prior to excavation. From that point onward, soil was loaded directly into trucks for disposal. This eliminated double handling of material and expedited the schedule.

Non-PCB soil that was graded or excavated was not stockpiled. This material was placed in areas that were considered clean by performance sampling.

Trash was discovered buried beneath the Storage Shed. The material consisted of dried red and green paint, crushed cans, metal, and other debris. The waste was excavated and stored in intermodal boxes. The dimensions of this "trash pit" were approximately 20 feet by 10 feet by 8 feet. The waste was sampled for hazardous characteristics (which passed) and disposed in a TSCA landfill.

#### 3.1.14 Sediment Removal (Section 02222)

Originally, stream sediment was to be excavated, stockpiled, and dewatered prior to offsite disposal. To expedite the schedule, sediment was characterized in place. The dewatering area was not required because sediment water content was not a problem. Therefore, sediment was loaded directly into trucks and disposed at a TSCA landfill. Dewatering agents were available to mix with wet sediment but they were not needed.

Excavation of stream sediment proceeded from the unnamed tributary to East Pin Oak Creek. After the unnamed tributary was completed, excavation commenced in East Pin Oak Creek. Backfill was placed in the unnamed tributary after sediment removal began in the creek. This change in sequence did not affect sediment removal or backfilling.

USEPA delineated the horizontal extent of stream sediment to be removed from the streams. Markers user for this purpose were damaged prior to sediment removal. USEPA provided a second delineation for the sediment which was ultimately used during removal.

Stream sediment removal commenced prior to the completion of PCB soil excavation. See Section 3.1.13 for more details.

At the direction of USEPA, the culverts beneath the Holden POTW driveway were pressure

washed with water.

#### 3.1.15 Backfilling (Section 02223)

The storm water management ponds and the spill containment pond were filled prior to establishing vegetative growth on the eastern portion of the site. This change was caused by the progression of site backfilling. Erosion control measures (silt fence, drainage swales) were installed to supplement the ponds.

Soil was dumped from trucks and spread onsite. Stockpiles were not utilized. Aggregate was primarily dumped from trucks and spread in the creeks. Stockpiles were not typically utilized.

Type S2 soil satisfied the specification for in-situ compacted density (>90%) but only half of the tests passed the optimum moisture content (+/- 3%). The failed areas were reworked with a vibratory compactor during warm, drying conditions. Because the affected areas were reworked and the two tests (density, moisture) are directly related, additional testing was not necessary. The difficulty of achieving optimum moisture content in wet conditions was discussed with USEPA.

Compaction requirements for Type A3 aggregate were eliminated because sand could not be compacted in the wet stream bed and was eventually replaced with gravel. See Section 3.1.11 for more details.

Stream cross-section elevations were obtained by the surveyors every 25 feet along the length of stream that was excavated. Surveys were conducted prior to excavation, after excavation and prior to backfilling, and after backfilling. A larger gravel (2-3 inch stone) was used as backfill than originally specified. Because of the larger gravel size and the accuracy of grading in the creeks, the backfill tolerance had to be changed (see letter to USEPA dated December 12, 1994). The new tolerance was -1.5 feet to +0.5 feet. Six locations in the creek did not meet the revised tolerance (they were greater than +0.5 feet). These areas were graded and resurveyed.

Shot rock (Type A1 aggregate) was used as erosion control along the eastern bank of East Pin Oak Creek just north of the POTW outfall.

#### 3.1.16 Earthen Dams (Section 02290)

The Drawings identified four dams to be constructed during the RA; two in the unnamed tributary and two in East Pin Oak Creek. The upstream dams were emplaced in both streams. A dam was not required at the confluence of East Pin Oak Creek and the unnamed tributary because of low base flow. The downstream dam in East Pin Oak Creek was not required. The POTW outfall, which caused the need for a downstream dam, was rerouted farther downstream, past a natural drop in the stream bed.

#### 3.1.17 Chain-Link Fences (Section 02831)

Fencing that was dismantled during the RA was replaced with new fence. Man-gates were installed in place of full-size gates.

The fence alignment along the southwest site perimeter was relocated to follow the unnamed tributary instead of the actual property boundary. This adjustment eliminated the possibility of damage to the fence as it crossed the unnamed tributary. The City of Holden (the property owner) was informed of the proposed change and approved of the relocation at their monthly meeting.

#### 3.1.18 Seeding (Section 02936)

Seed was bagged and stored at the local seeding contractor's facility. The spring seed mixture was employed. At the recommendation of the seeding contractor, additional rye (15 pounds/acre) was included in the mixture to provide a better growth.

Lime was not added to the soil. Apparently, soil pH was not a problem.

After the Final Inspection it was decided that additional seeding would be required. Subsequently, the entire eastern portion of the Site was also overseeded with Korean Lespedeza and Climax Timothy grass seed and fertilizer, as recommended by the seeding contractor.

#### 3.1.19 Wastewater Treatment (Section 11300)

USPCI provided a pre-fabricated, trailer-mounted wastewater treatment system instead of building the system in the specifications. Their treatment system was described in the RA Work Plan. The trailer-mounted treatment system was designed to remove the same contaminants as in the specifications. These included suspended solids, PCBs, and VOCs. The trailer-mounted treatment system was acceptable for treating wastewater.

Because of the excessive wet weather encountered during the project, additional volumes of wastewater had to be treated. The original batch treatment mode was inadequate to handle large volumes of wastewater. The process was changed from batch flow to continuous flow. Sampling and analysis remained the same (see letter to USEPA dated August 31, 1994).

Fly ash was used as a desiccant for wastewater treatment system sludge prior to disposal. Sludge and spent carbon were tested for hazardous characteristics prior to disposal in a TSCA landfill.

#### 3.1.20 Decontamination Pad (Section 13122)

USPCI supplied their own trailer-mounted decontamination pad to decontaminate trucks and equipment later in the project. The existing metal troughs were used in the Main Building early in the project to decontaminate trucks.

#### 3.1.21 Staging Facilities (Section 13140)

The Crane Bay portion of the Main Building was used as a staging area before it was demolished.

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#### 3.1.21 Staging Facilities (Section 13140)

The Crane Bay portion of the Main Building was used as a staging area before it was demolished.

This eliminated the need for multiple staging areas. The South Warehouse was also used as a staging area. A change in sampling procedures practically eliminated the need for staging areas during the soil removal phase. One small staging area was constructed during the project.

The dewatering area was not required because waste moisture content was acceptable to the receiving facilities.

#### 3.1.22 Monitoring Wells (Section 13150)

Monitoring well cluster MW-214/MW-114 was moved approximately 70 feet northwest of its design location. The wells were moved because the original location was adjacent to the City maintenance garage, which stores petroleum and asphalt.

Depth to bedrock at MW-212 was too shallow (4 feet) to install the well screen as specified. A 10-foot screen was placed from 3 to 13 feet below grade. The well was completed with one foot of sand and two feet of bentonite above the well screen.

Bedrock wells (MW-112 through MW-115) were installed with 10-foot screens to increase flow into the well. Historically, bedrock wells did not produce much water.

Bedrock coring was eliminated because adequate lithologic data was available from the RI.

Existing wells that are in the Groundwater Monitoring Program were redeveloped to remove accumulated fines prior to the installation of Well Wizards. The wells were redeveloped to reduce the potential for clogging the Well Wizards (see letter to USEPA dated August 17, 1994).

Monitoring Well MW-207 was damaged during the removal of storm sewers. The well was installed adjacent to the sewer during the RI. The well was abandoned by removing its components. Replacement well MW-207R was installed approximately 10 feet north of its original location. The well was installed in accordance with the specifications for a shallow well. Drill cuttings were used as Type S2 fill onsite (see letter to USEPA dated April 11, 1995).

#### 3.1.23 Pumps and Plumbing (Section 15450)

USPCI used larger pumps and pipes that specified. The larger components provided added safety in case larger flows were encountered in the streams and at the POTW discharge. Diesel-powered pumps were used instead of electric pumps.

The POTW was rerouted along the property west of East Pin Oak Creek. The discharge was placed beyond a natural waterfall in the stream bed, thereby eliminating the need for a downstream dam. The pipe was laid outside the stream bed but was inspected daily for leaks.

Surface water from the unnamed tributary was rerouted to the upstream dam in East Pin Oak Creek which, in turn, was rerouted downstream past the waterfall. This rearrangement of pumping reduced the amount of piping.

Type A1 aggregate was used for erosion control on both stream banks between the POTW outfall

and the trestle bridge.

Standing water in the creeks was pumped downstream. An attempt to pump water to tanker trucks and transport the water to the wastewater treatment system was too difficult. The dozer and trailer used for this purpose could not be moved fast enough and caused too much damage to the haul roads.

#### 3.2 Remedial Action Field Sampling and Analysis Plan

Modifications to the Final Remedial Action Sampling and Analysis Plan (RA FSAP) are described in the following subsections. All modifications were made after receiving USEPA approval.

#### 3.2.1 TCLP Testing of Waste Streams

To facilitate movement of waste streams off-site, the frequency of TCLP testing proposed in the RA FSAP was reduced to a minimum of two per waste stream. The intent of the original sampling frequency was to ensure that all wastes leaving the site were not classified as hazardous and subject to the Land Disposal Restrictions of 40 CFR 268; however, disposal facilities used were satisfied with one analysis per waste stream only. The original objective was still satisfied by reducing the number of TCLP tests to two per waste stream, unless requested otherwise by the disposal facility.

#### 3.2.2 Immunoassay Sample Collection Strategy

The Final RA FSAP described two distinct subsurface soil sampling schemes designed to assist in determining soil cleanup performance at the Site: 1) Subsurface Soil Type I - Field Screening and 2) Post-Excavation Performance Verification Plan (PEPVP) sampling. The field screening was originally conducted using an enzyme immunoassay procedure designed to provide a qualitative estimate of the average PCB content of the remaining soil. (This procedure was later replaced with analytical testing, see Subsection 3.2.3.) The field screening was performed after the initial 10 inches (and any subsequent 6-inch lifts) of surface soil had been excavated, and prior to implementing the PEPVP.

The grab sample layout procedure outlined in the RA FSAP for the field screening differed from that outlined under the PEPVP. This difference resulted in a lag time between the final field screening and layout of the PEPVP sampling scheme, thereby delaying collection and laboratory analysis of the PEPVP samples. By using the PEPVP sampling layout to locate the field screening sample locations and by collecting a duplicate sample, which served as the PEPVP sample for that area if the field screen passed, the sampling and analysis process was streamlined.

#### 3.2.3 Elimination of Subsurface Soil Field Screening

The Final RA FSAP called for PCB screening of Subsurface Soil Type I using an enzyme immunoassay procedure designed to provide a qualitative estimate of the average PCB content of the remaining soil. Soil that failed the immunoassay required excavation and staging, followed

by sampling and analysis to support disposal.

The immunoassay was replaced by laboratory analysis, eliminating the need to stage excavated material. This change resulted in definitive in-place identification of PCB subsurface soils, characterization of PCB subsurface soil for disposal and, because the samples were collected based on the 37-point PEPVP sampling scheme, verification of post-excavation performance (i.e., attainment of the cleanup criterion) when applicable.

#### 3.2.4 Additional Concrete Requiring Incineration

After initiation of the remedial action, three concrete cores were obtained from stained areas in the bag room in the Main Building. One sample contained PCB concentration in excess of the incineration criterion of 2500 mg/kg. As a result, PCB Zone 1 was expanded to encompass the newly identified volume of PCB Concrete.

#### 3.2.5 Stream Sediment Waste Characterization

The Final RA FSAP described a pile sampling approach for waste characterization of excavated PCB stream sediment. This approach was designed to account for the possibility of wet weather conditions and sediments that would require dewatering. Dry weather, however, resulted in a relatively dry streambed. To accelerate excavation of PCB stream sediment, therefore, staging and dewatering of this dry material was eliminated. Samples were collected directly from the streambed by driving a 2-inch-diameter split-spoon assembly continuously to 4 feet or refusal due to bedrock, whichever came first. The sampling locations were approved by EPA prior to sampling. This revision facilitated direct loading of PCB sediment for transportation offsite.

#### 3.2.6 Landfill Concrete Characterization

The RA FSAP contained a procedure for sampling and analyzing Landfill Concrete (i.e., concrete that was not to be incinerated) to support disposal of this material in a RCRA-permitted special waste landfill. Due to the limited amount of area available for staging this concrete while awaiting sample results, however, this procedure was eliminated. After this change, all remaining Landfill Concrete was disposed in a TSCA-permitted landfill.

#### 3.2.7 Concrete Subbase Characterization

A layer of subbase material was discovered underneath the concrete slab in the Main Building and South Warehouse. The subbase consisted of gravel, crushed stone, and silt ranging from 2 to 9 inches in depth. To determine whether the subbase represented a principal threat, a sampling and analysis procedure was developed. The procedure, which was communicated to USEPA on August 17, 1994, called for 1) sampling of subbase under PCB Concrete Zones, 2) field screening using immunoassay calibrated to semi-quantitatively identify PCB concentrations exceeding 1000 mg/kg, and 3) analytical laboratory confirmation of samples that failed the immunoassay. (Note: One subbase sample did exceeded the 1000 mg/kg field-screening level; however, laboratory analysis indicated that the sample actually contained less than 1000 mg/kg PCB.) The procedure

also contained a provision for sampling any visibly stained subbase. Based on the results from this procedure, all subbase material was disposed in a TSCA-permitted landfill.

#### 3.2.8 Excavated Footer Trench Characterization and Post-Excavation Performance Verification

The trenches remaining after the excavation of building footers required evaluation for potential PCB contamination. A general procedure for conducting this evaluation and excavating any PCB soils discovered was developed. This procedure included: 1) visual inspection of the trenches, 2) sampling, field screening, and laboratory analysis of stained or discolored areas, 3) excavation of areas found to contain PCB soil, and 4) post-excavation performance verification of excavated trenches and surrounding areas.

#### 3.2.9 Composite Area 2 Characterization and Post-Excavation Performance Verification

The ditch that had been labelled Composite Area 2 (CA2) did not lend itself to using the established 20- by 20-foot grid system for verifying post-excavation performance in accordance with the RA FSAP. As a result, a revised verification procedure was developed. In general, this procedure divided CA2 into three distinct segments. Samples were collected and composited from inside each segment. Samples were then collected and composited from outside each segment. Samples were located every 10 feet along lines perpendicular to the ditch.

#### 3.2.10 Pit Characterization and Post-Excavation Performance Verification

The concrete walls and base of the pit in the Main Building were removed during building demolition. The remaining pit was too deep and unstable to safely implement the established characterization and post-excavation performance verification procedures outlined in the RA FSAP. As a result, a revised verification procedure was developed. The revised procedure used the hexagonal grid pattern called for in the RA FSAP, however, the samples were collected remotely using a long-stick trackhoe. Composite samples were prepared to represent each of the pit's interior walls, its base, and each of its exterior sides.

#### 3.3 Remedial Action Health and Safety Plan

Modifications to the Final Remedial Health and Safety Plan (RA HASP) are described in the following subsections. All modifications were issued and authorized by the remediation contractor's Site Health and Safety Officer.

#### 3.3.1 Health and Safety Coordinators

Each contractor performing work or oversight at the Site, other than the remediation contractor, identified a Health and Safety Coordinator. This individual was responsible for providing the remediation contractor's Site Health and Safety Officer with all training and medical monitoring documentation necessary to ensure compliance with the RA HASP, ensuring that the provisions of the RA HASP are adequate and appropriate for the contractor's own work, and recommending modifications to the RA HASP where necessary to protect the contractor's own employees and make the RA HASP consistent with their operations.

Each contractor also provided the remediation contractor with a memorandum stating that they adopted and agree to abide by the remediation contractor's RA HASP.

#### 3.3.2 Personal Protective Equipment

Based on the sampling contractor's past experience on PCB-sampling, -excavation, and -removal projects, it was agreed that the safest level of personal protection for waste characterization sampling, field investigation sampling, and performance verification sampling within the Exclusion Zone, considering both chemical exposure and heat stress, was Modified Level D (i.e., no air-purifying respirator as called for in the RA HASP). Modified Level D included hard hat, steel-toed boots, Tyvek coveralls, chemical-resistant boot covers, surgical inner gloves, nitrile outer gloves, and safety glasses with side shields. Samplers wore respirators only when working in areas where airborne dust-generating activities are occurring.

The use of combination organic vapor/high-efficiency particulate air (HEPA) cartridges, as called for in the RA HASP, was replaced with the use of HEPA cartridges due to the low vapor pressures of PCBs.

Minor modifications in the use of certain types of gloves, coveralls, and safety glasses while conducting specific activities were also made.

#### 3.3.3 Procedures for Personnel Exiting the Exclusion Zone

The RA HASP called for all personnel exiting the exclusion zone (EZ) to shower and then change into street clothes. This procedure was modified to allow supervisory personnel, who spend only short amounts of time in the EZ, to not shower each time they exit the EZ. After removing their protective equipment, these personnel were required, at a minimum, to wash their hands only.

#### 3.3.4 Expansion of Contamination Reduction Zones

The RA HASP defined an EZ as the area immediately surrounding a PCB zone (i.e., area to be excavated). A relatively small Contamination Reduction Zone (CRZ) surrounded each EZ. All other areas inside the site fence were considered part of the Support Zone (SZ). Due to the increase in surface area of some PCB zones during post-excavation performance verification, however, the entire area inside the Site fence, except for the area surrounding the office trailers (i.e., the SZ) and all known PCB zones (i.e., the EZs), was reclassified as a CRZ. Procedures for entering, working in, and exiting the CRZ were instituted. A decontamination pad was also constructed at the southwest corner of the SZ.

#### 3.4 Site-Specific Emergency Contingency Plan

No modifications to the Site-Specific Emergency Contingency Plan were made.

#### 3.5 Erosion and Sedimentation Control Plan

Stream excavation and backfilling were not performed in 200-foot increments as discussed in the Plan. Refer to Sections 3.1.14 and 3.1.15 for a discussion of changes to these activities.

#### 3.6 Construction Quality Control Plan

Changes that affected the Remedial Design Specifications also affected the Construction Quality Control Plan. If a specification was changed that had a quality control component (e.g., geotechnical testing) then the quality control component was changed accordingly. Rather than list the same changes again, for brevity, the reader is referred back to Section 3.1 for a list of design modifications. Quality control was reported in USPCI's daily report. A separate QC report was not generated. Monthly reports were not generated.

#### 3.7 Transloading Plan

No modifications to the Transloading Plan were made.

#### 3.8 Construction Quality Assurance Project Plan

Changes to the Construction Quality Assurance Project Plan will be documented in a separate report entitled <u>Final Report on the Independent Quality Assurance Activities at the Rose Chemicals Site</u>. The report will be prepared by the IQAT, Burns & McDonnell Waste Consultants, Inc., and will be submitted separately from this report.

# SECTION 4 REMEDIAL ACTION PERFORMANCE CRITERIA

The Remedial Action was designed in accordance with the Record of Decision; the Administrative Order, which included the Statement of Work; all applicable or relevant and appropriate requirements; and generally accepted engineering and construction practices. The remedial action performance criteria, which were contained in ROD, the AO3, and/or the SOW, are summarized in this Section.

#### 4.1 Concrete Slabs and Footings

Concrete slabs and footings containing PCB concentrations greater than or equal to 2,500 mg/kg constituted a principal threat. USEPA required that this material be removed and treated by offsite incineration prior to offsite disposal. In accordance with the December 3, 1992 modification to AO3, USEPA identified the portions of the concrete slabs and footings that required treatment.

Concrete containing PCB concentrations greater than or equal to 10 mg/kg but less than 2,500 mg/kg did not constitute a principal threat. USEPA required that this material be removed and disposed of offsite in an approved TSCA chemical waste landfill.

#### 4.2 Surface and Subsurface Soils

Surface and subsurface soils containing PCB concentrations greater than or equal to 250 mg/kg constituted a principal threat. USEPA required that this material be removed and treated by offsite incineration prior to offsite disposal.

Surface and subsurface soil containing PCB concentrations greater than or equal to 10 mg/kg but less than 250 mg/kg did not constitute a principal threat. USEPA required that this material be removed and disposed of offsite in an approved TSCA chemical waste landfill.

#### 4.3 Stream Sediment

Stream sediment containing PCB concentrations greater than or equal to 250 mg/kg constituted a principal threat. USEPA required that this material be removed and treated by offsite incineration prior to offsite disposal.

Stream sediment containing PCB concentrations greater than or equal to 0.18 mg/kg but less than 250 mg/kg did not constitute a principal threat. USEPA required that this material be removed and disposed of offsite in an approved TSCA chemical waste landfill.

#### 4.4 Insulation and Building Components

All insulation constituted a principal threat. USEPA required that this material be removed and treated by offsite incineration prior to offsite disposal.

With the exception of a portion of the concrete slabs and all insulation, building components did not constitute a principal threat. USEPA required that this material be removed and disposed of offsite in an approved TSCA chemical waste landfill.

## SECTION 5 POST-EXCAVATION PERFORMANCE VERIFICATION

This section summarizes the activities conducted in support of the Post-Excavation Performance Verification Plan (PEPVP) contained in the Final Remedial Design Document. These activities included field implementation, data validation, and obtaining USEPA concurrence.

### 5.1 Field Implementation

### 5.1.1 Documentation

During the course of the remedial action at the Rose Chemicals Site, the sampling and analysis contractor, PSARA Technologies, Inc., (PSARA) documented all data, data reduction, sampling procedures, and field investigations at the Site. Daily documentation of field activities was recorded in ink in permanently bound field logbooks. Each logbook page was numbered consecutively, dated, and signed by the PSARA field supervisor. The following items were included in the daily entries:

- Date of activities
- Project identification
- Field activity subject
- General work activity
- Unusual events
- Approved changes to sampling protocols
- Decontamination procedures
- Weather conditions
- PSARA and Clean Sites' personnel on site
- Name and signature of person making logbook entry

In addition, sample identifiers, sample coordinates, number of grab samples, immunoassay results, and sketches of sample locations, where appropriate, were also included in the logbook.

All analytical reports, data reduction logs, maps, chain-of-custody records, and supporting documentation for each of the sampling activities were bound in 3-ring binders. Each binder was labeled with the site name and sampling objectives addressed in that volume. The following items were included, as applicable, in the binders under tab headings:

- Sample log
- Historical data
- Daily analytical result maps
- Daily sample location maps
- Laboratory analytical reports
- Chain-of-custody records

All analytical data were recorded on the laboratory analytical report forms, on the task-specific sample log, and on the task-specific result maps, as appropriate. The sample logs and result maps

were generated immediately after the analytical results were received by the PSARA field supervisor from the analytical laboratory. The sample logs included the following information:

- Date of sample collection
- Sample identification
- Sample location
- Sampling personnel
- Sample matrix
- Analytical laboratory
- Analytical results

Color-coded maps were generated to identify areas to be excavated, areas that passed the PEPVP cleanup criteria, areas to be sampled, and areas awaiting analytical results. One copy of each of the pre-excavation and waste characterization maps and daily copies of the post-excavation result maps were bound in the designated binder for each sampling activity. In addition, copies of the result maps for each PEPVP sampling area were presented daily to the Clean Sites' site manager to expedite soil and sediment removal.

### 5.1.2 Procedures

The perimeters of the PCB zones were surveyed and staked by licensed surveyors to mark the limits of excavation of the first lift of soil. After the first lift of PCB subsurface soil was removed from the PCB zone, the construction contractor, USPCI, orally alerted Clean Sites' site manager and PSARA's field supervisor that the area was available for PEPVP sampling. For PEPVP sampling, the subsurface soil sampling locations were identified based on the size and shape of the PCB zone and its construction status. Comparatively small and regularly shaped PCB zones were considered one "PEPVP sampling area." PCB zones that covered a large area, or were irregularly shaped, were divided into two or more PEPVP sampling areas. A total of 17 PEPVP sampling areas were delineated during the course of the remedial action. PSARA located sample collection points in accordance with the seven-step method outlined in Section 5 of USEPA's Field Manual For Grid Sampling of PCB Spill Sites to Verify Cleanup, May 1986, EPA-560/5-86-017 (USEPA 1986). PEPVP samples collected within the boundary of a PCB zone were composited and analyzed for PCB content. The area within some PCB zones was divided into two or more "PCB subzones" to limit the composite sample to a combination of generally no more than 10 PEPVP sampling points. PEPVP samples that fell outside the perimeter of the PCB zone were composited by grid to determine whether cross-contamination had occurred during excavation or if previously unknown PCB surface or subsurface soil existed exterior to the defined PCB zone.

In general, PSARA conducted PEPVP sampling of the excavated area the day of excavation. PSARA prepared samples for shipment under chain of custody to the analytical laboratory and hand delivered the samples to an overnight courier service in Kansas City, Missouri, the same evening the samples had been collected. In instances where samples were collected and prepared after the courier service had closed for the evening, the samples were refrigerated under chain of custody and shipped the following morning for overnight delivery.

PSARA's field supervisor received the analytical results from the laboratory by facsimile usually

between mid-morning and early afternoon, approximately 48 hours after the laboratory received the samples. The results were filed in a 3-ring binder and copies were sent by facsimile to Clean Sites' office in Alexandria, Virginia. PSARA used these data to immediately update sample logs and color-coded composite-area and PEPVP sampling-area maps. The logs and maps were filed in 3-ring binders and one copy of each of the updated maps was submitted to Clean Sites' site manager. When an entire PEPVP sampling area was determined to contain total PCB concentrations below the USEPA cleanup criterion of 10 mg/kg, the analytical data for the PEPVP sampling area were validated in accordance with the methods described in Subsection 5.2.

Clean Sites' site manager reviewed the preliminary analytical reports and recorded the information on plan maps of the Site by hand using an internal color-coding system to chart excavation progress. This method also provided a checkprint of PSARA's graphic data generation. Results were communicated to USPCI's construction manager by Clean Sites' site manager, with PSARA input, the following morning during the daily pre-construction meeting.

Prior to re-excavation, PSARA personnel physically marked the perimeter of the failed grids using orange spray paint. The affected grids were further identified by spraying the word "hot" in the center of each affected grid. PSARA then showed the USPCI excavation crew the location of these areas in the field. Following soil removal, USPCI notified Clean Sites' site manager and PSARA that the area was available for PEPVP sampling. Following excavation, when appropriate, the site grid system and PCB zones would be reestablished to ensure control during sampling. Subsequent PEPVP sampling and coordination procedures were followed as described previously until each PEPVP sampling area was determined to be free of PCB contamination in excess of 10 mg/kg.

### 5.2 Data Validation

Data validation was prescribed in Section 5 of the RA FSAP. The types of sampling activities performed during the remedial action included PCB field screening, waste characterization, and PEPVP sampling. This section summarizes the quality assurance/quality control (QA/QC) objectives set for the post-excavation performance verification and describes the procedures used to determine the validity of the analytical data generated by analysis of PEPVP samples.

### 5.2.1 Quality Assurance/Quality Control Criteria

Five QA/QC objectives were presented in the RA FSAP. Each objective, along with PSARA's corresponding data validation procedure, are presented herein:

### Representativeness

To ensure that all samples collected were as representative of actual field conditions as possible, PSARA collected soil samples in accordance with the RA FSAP and "Soil Sampling: SOP 32012" from USEPA's Compendium of ERT Soil Sampling and Surface Geophysics Procedures, January 1991, EPA/540/P-91/006 (USEPA 1991). PSARA's field supervisor was responsible on a daily basis for ensuring that all appropriate sampling protocols were followed, the appropriate number of duplicate and rinseate blank samples were collected and submitted, and that the daily activities

were documented in field logs.

### **Precision**

Analytical precision was measured by examination and analysis of matrix spikes (MS) and matrix spike duplicates (MSD). Precision was calculated by determining the relative percent difference (RPD) using the formula:

RPD (%) = 
$$|2(X1-X2)|/(X1+X2) * 100$$
  
where X1 and X2 are the concentrations in the MS and MSD samples.

Samples met the data validation criteria if the RPD was less than or equal to 20 percent.

### Accuracy

Analytical accuracy was also measured by examination and analysis of MS/MSDs. Accuracy was calculated using the formula:

```
Accuracy (%) = (X-B)/Z * 100 where X = the amount of a compound found in a spiked sample; B = the unspiked sample result; and Z = the amount of compound spiked into the sample.
```

An acceptable range of 80 to 120 percent was established in the RA FSAP.

### Completeness

Percent completeness was calculated according to the formula:

```
Completeness (%) = A/B * 100 where A = the number of valid results and B = the total possible results.
```

A completeness objective of 90 percent or greater was established in the RA FSAP.

## Comparability

PSARA ensured that all laboratory results from every laboratory package could be accurately compared with one another by consistently utilizing the previously referenced sampling procedures and analyzing all soil samples for PCBs using the methods specified in the RA FSAP. All laboratory analysis was conducted by Heritage Environmental Services, Inc., (Heritage), Indianapolis, Indiana.

The Heritage QA Director was responsible for the QA/QC of all instrument systems, and was responsible for validating all analytical data before they were reported to PSARA. The director was also responsible for performing data reduction, and meeting all QA objectives as established by the RA FSAP.

#### 5.2.2 Procedures

Upon arrival at PSARA, each data package underwent additional reviews to ensure that all QA objectives as defined by the RA FSAP had been achieved. Additional data validation procedures conducted by PSARA included review of analytical reports and laboratory calculations.

### Review of Analytical Reports

As the initial step in PSARA's data validation procedure, every analytical package underwent a thorough review within 24 to 48 hours following receipt. The package was inspected to verify that each sample identified on the chain-of-custody record corresponded with every sample identification presented on the analytical reports. Each chain-of-custody record was also reviewed to ensure that it had been properly relinquished and received. Analytical reports were examined to check that the samples had undergone the correct analysis, detection limits had been met, surrogate recovery values were within the acceptable limits, and that the results appeared reasonable and had been reported in units of either  $\mu g/L$  (liquid samples) or mg/kg (soil samples). Precision, accuracy, and completeness calculations were performed to ensure that the values reported on the analytical reports were correct. The sample collection and analysis dates were also reviewed to verify that extraction and analysis holding times had not been exceeded. If any inconsistencies or problems were noted during this initial inspection, PSARA contacted Heritage immediately to investigate the issue and initiate corrective actions, if appropriate.

To document this review process, PSARA created a Data Validation Checklist, which was completed for each set of samples on each specific laboratory run. A blank checklist is presented as Attachment 13. Each checklist includes the identification of all samples analyzed on a specific run, sample descriptions, sample handling information, and analytical report information. Upon its completion, a copy of each data validation checklist was forwarded to Clean Sites' Alexandria, Virginia office.

### Review of Laboratory Calculations

In addition to the thorough review of the analytical reports, PSARA also validated the actual laboratory calculations of each PEPVP sample.

During each sample analysis run, the laboratory analyzed five known standards that contained the PCB Arochlors 1248 and 1260. The laboratory then calculated a response factor for each of the standards by dividing the known concentration of the standard by the area under the peaks on the gas chromatogram representative of Arochlors 1248 and 1260. Two initial response factors were determined for each of these five standards, one for Arochlor 1248 and one for Arochlor 1260. A mean response factor was then calculated for Arochlor 1248 and Arochlor 1260. If an additional PCB Arochlor was detected in one of the samples of the run a standard containing the Arochlor was analyzed, and its response factor was also calculated.

The mean response factors for each respective Arochlor were then used to calculate an extract concentration for each sample analyzed in the run. This was accomplished by multiplying each Arochlor-specific response factor by the areas under the corresponding peaks on the gas

chromatogram. This resulted in a specific extract concentration for every Arochlor detected in the run.

The final result (as reported by Heritage in the analytical report) for each PCB Arochlor was calculated by dividing each final sample volume by its respective initial sample volume and then multiplying by the corresponding extract concentration.

PSARA verified the laboratory's calculations by reviewing the laboratory run sheets, and recalculating each individual response factor and the mean response factor for each Arochlor of all five known standards and any additional Arochlor detected in the run. PSARA reviewed the gas chromatograms for each PEPVP sample and verified that the laboratory reported the correct area for each Arochlor detected. PSARA then recalculated each final result to ensure that they corresponded with the final results presented on the analytical reports.

Occasionally the laboratory did not meet the criteria established in the RA FSAP. The most common analytical problems occurred when surrogate recoveries for soil samples were outside the acceptable limits, usually as a result of difficulties posed by the sample matrix. Reported MS/MSD percent recoveries were also occasionally outside of the recovery limit of 80 to 120 percent as established by the RA FSAP. When a recovery value fell outside of the limits established by the RA FSAP, PSARA requested a narrative from Heritage addressing the discrepancy. Each narrative was attached to the corresponding data validation checklist and reported to Clean Sites' Alexandria office.

### 5.2.3 Results

PSARA calculated an overall accuracy for all PEPVP samples of 90.3 percent.

PSARA found all 369 PEPVP samples validated to be acceptable and to have met the QC criteria established by the RA FSAP for accuracy, precision, representativeness, completeness, and comparability. A final completeness calculation shows that 100 percent completeness was achieved.

### 5.3 USEPA Concurrence

### 5.3.1 Calculation of Action Levels

To calculate the action level for each PEPVP Area sampled, a method performance of 80-percent accuracy and a 30-percent relative standard deviation (RSD) were used. USEPA 1985 notes that these values should be attainable for PCB concentrations in soil above 1 ppm. These values were used in the calculation for the following reasons:

1) RSD is not typically calculated for USEPA's SW-846 Method 8080, or its Contract Laboratory Program (CLP) equivalent, and was not determined by Heritage. Instrumental standard deviations were routinely calculated using MS/MSD, however, according to two of the authors of USEPA 1985, instrumental variability contributes only a small portion to the RSD discussed in the guidance (telephone

communications between Clean Sites (McNelly) and Mr. David C. Cox, September 16, 1994; and between Clean Sites (McNelly) and Dr. Mitchell D. Erickson, September 16, 1994);

- 2) At the start of performance verification, insufficient validated data existed on PEPVP samples to calculate an actual average accuracy. Early calculations using MS/MSD results indicated an accuracy of approximately 88 percent. At the conclusion of PEPVP analysis, it was determined that an average 90.3-percent accuracy had actually been achieved. Using 80-percent accuracy in the calculation resulted in a more conservative (i.e., lower) action level.
- 3) Increasing the accuracy and varying the RSD by 10 percentage points resulted in no practical difference in the action level for a 10-grab composite.

In accordance with USEPA 1985, the PEPVP action level was calculated according to the following formula:

Action level = [(0.8)(10 mg/kg) + (2.576)(0.3)(0.8)(10 mg/kg)] / n where 0.8 = 80 percent analytical method accuracy; 10 mg/kg = cleanup criterion (allowable PCB concentration for a single sample); 2.576 = coefficient from the standard normal distribution for a 0.5 percent false positive rate (99.5 percent confidence interval); 0.3 = 30 percent RSD; and n = number of grab samples comprising the composite.

As described in USEPA 1985, if the PCB concentration in a composite sample was less than or equal to the calculated action level, then no single grab samples making up that composite sample exceeded the soil cleanup level of 10 mg/kg PCB (assuming a false positive rate of 0.5 percent).

### 5.3.2 Submittals

After field verification and data validation, PEPVP data were submitted by Clean Sites to USEPA for concurrence. The first submittal contained the following items:

- Item 1. A copy of the complete Quality Assurance Report Package from the analytical laboratory for PEPVP Area #1. (For PEPVP Areas #2 through #17, submittals contained Certificates of Analysis only, rather than entire Quality Assurance Reports.)
- Item 2. A copy of the Data Validation Checklist completed by PSARA when they validated the data contained in Item 1.
- Item 3. A summary table that presented field and laboratory sample identification numbers, the sample locations, analyte/method, number of grabs collected to make up each composite sample, the concentration of PCBs in each composite, and the "action level" calculated for that composite in accordance with USEPA's <a href="Verification of PCB Spill Cleanup by Sampling and Analysis">Verification of PCB Spill Cleanup by Sampling and Analysis</a>, August 1985, EPA-560/5-85-026 (USEPA 1985).

- Item 4. A color diagram indicating the location and configuration of PEPVP Area #1.
- Item 5. A "Fax Memorandum" to be signed and returned by USEPA indicating either
  1) USEPA concurrence with Clean Sites that PEPVP Area #1 was free of
  material containing PCBs in excess of 10 mg/kg, or 2) non-concurrence and the
  deficiencies preventing USEPA concurrence.

These same items were submitted for samples collected and analyzed to verify that cross-contamination had not occurred external to the PCB zones.

Copies of all PEPVP Area data summary tables and location diagrams submitted to USEPA are presented in Attachment 14.

### 5.3.3 Results

For all 17 PEPVP Areas, USEPA concurred with Clean Sites that the interiors and exteriors of these areas were free of material containing PCBs in excess of 10 mg/kg. No deficiencies were noted and no concurrences were denied.

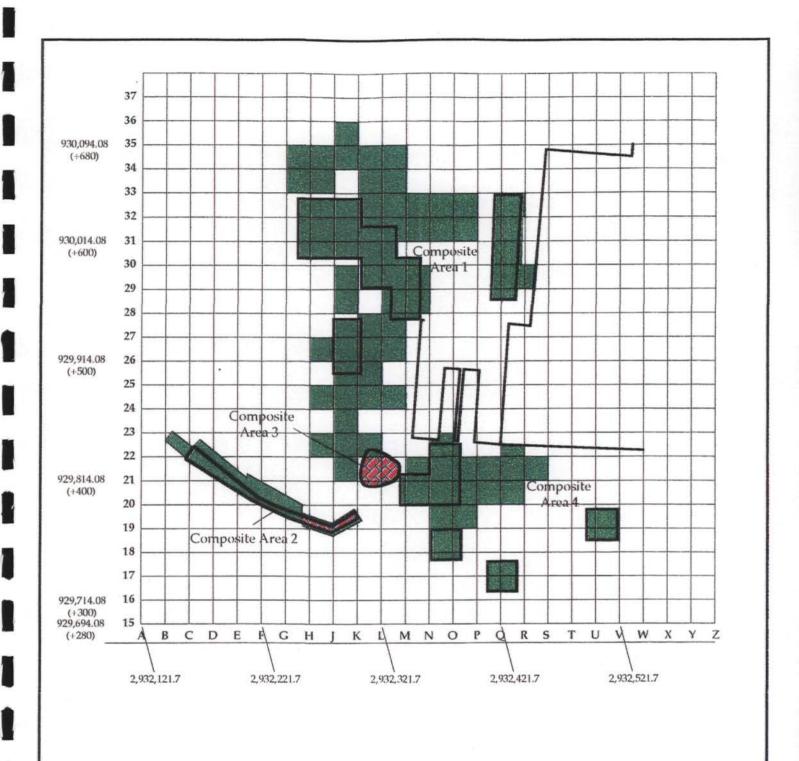
## SECTION 6 OPERATIONS AND MAINTENANCE PLAN

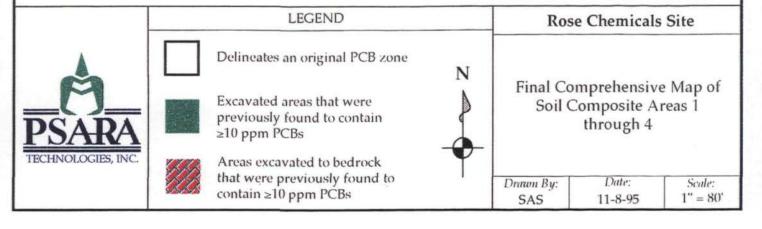
The Operations and Maintenance Plan for the Rose Chemicals Site is contained in Section 8 of the Final Remedial Design Document. The sections that pertain to operations and maintenance of the remedy are discussed in Sections 8.3 and 8.4 of that document. Section 8.3 describes the maintenance for the monitoring wells and the vegetative cover. Section 8.4 describes the long-term monitoring program. These sections will not be repeated here. Refer to the Final Remedial Design Document for more details.

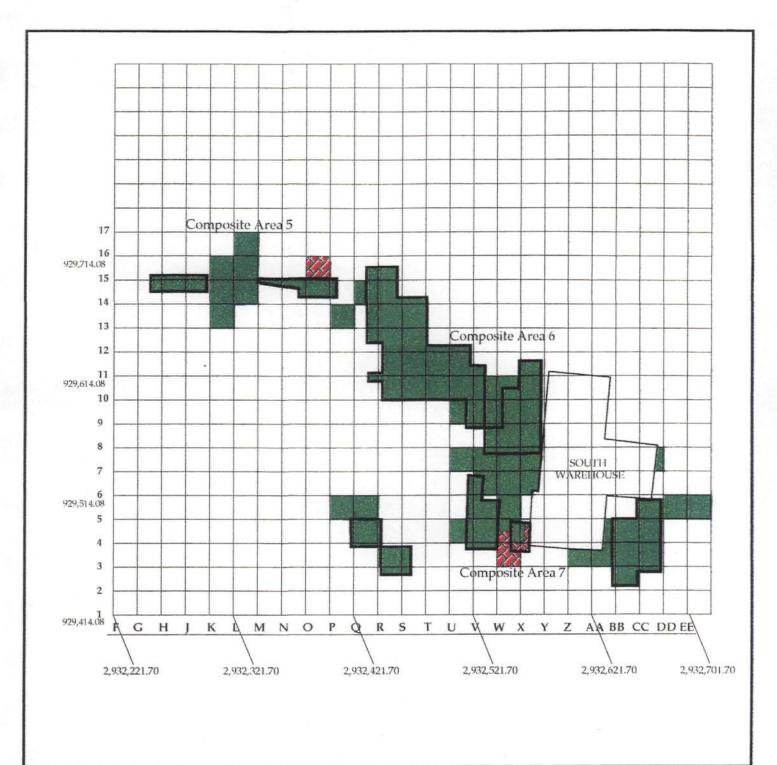
Before the long-term monitoring program started, the scope of the monitoring program was discussed with USEPA and MDNR. Because of the extent to which contaminated material was removed from the site and the low hydraulic conductivity in the overburden and bedrock, the PRPs requested that the monitoring period be shortened. The regulators agreed to reevaluate the program after the first two quarterly events were completed.

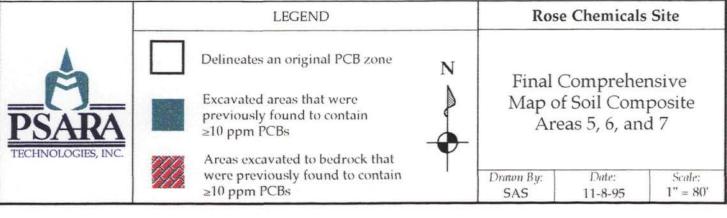
Long-term monitoring for the Rose Chemicals Site began in July 1995. Results from that first round of sampling were submitted to USEPA via letter dated September 21, 1995. Second round sampling is scheduled for October 1995 with submission of results in November. Further discussions will be held with the regulatory agencies about the scope of the monitoring. As a result, the O&M Plan may be modified in the future. Any changes to the plan will be documented.

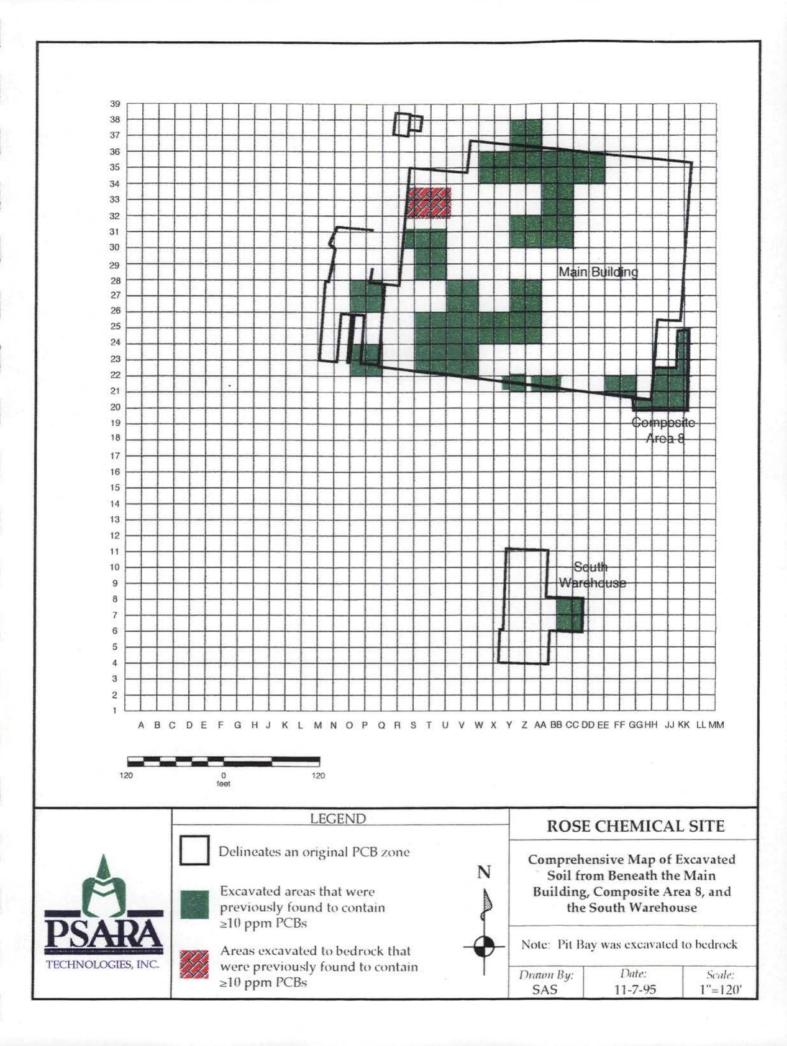
# ATTACHMENT 1 FINAL EXTENTS OF EXCAVATION

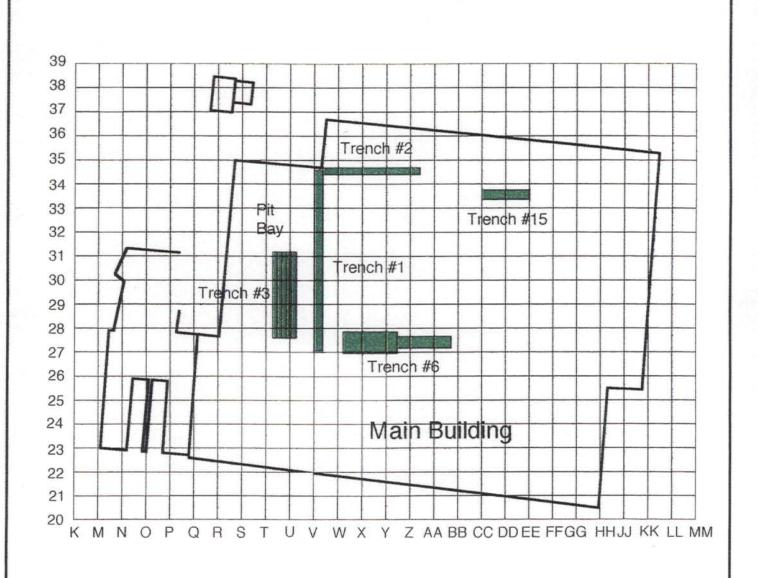


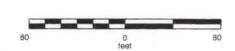














### LEGEND

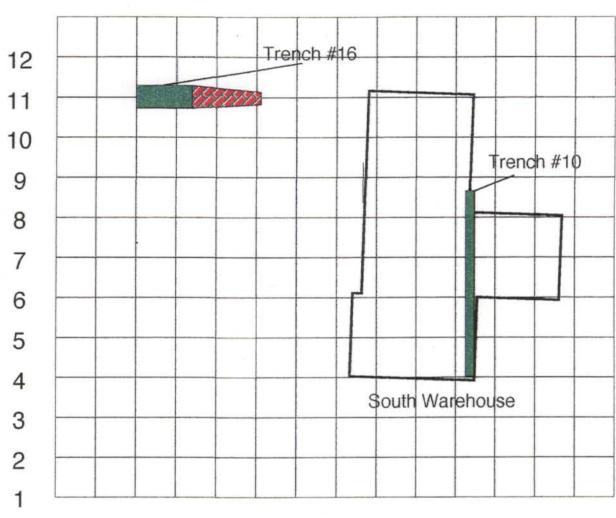
Excavated trenches that were previously found to contain ≥10 ppm PCBs



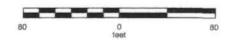
### ROSE CHEMICAL SITE

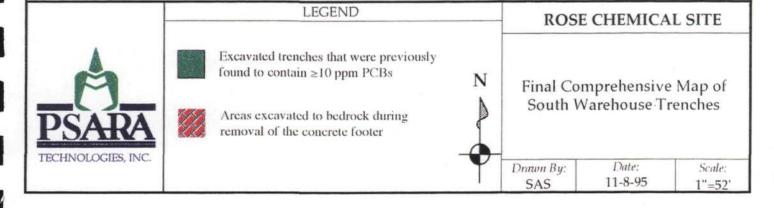
Final Comprehensive Map of Main Building Trenches

Drawn By: SAS Date: 11-8-95 Scale: 1"=80'



## Q R S T U V W X Y Z AA BB CC DD





# ATTACHMENT 2 WASTE DISPOSAL LEDGER

# ROSE CHEMICALS SITE WASTE DISPOSAL LEDGER APTUS COFFEYVILLE INCINERATOR (TSCA/RCRA)

DATE	MANIFEST	GROSS	TARE	NET	NET
<b>SHIPPED</b>	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
06/17/94	AP001	79,170	33,030	46,140	23.07
06/17/94	AP002	74,880	32,490	42,390	21.20
06/17/94	AP003	80,320	32,490	47,830	23.92
06/20/94	AP004	79,710	32,530	47,180	23.59
06/20/94	AP005	78,300	33,370	44,930	22.47
06/20/94	AP006	79,110	33,470	45,640	22.82
07/06/94	AP007	79,190	32,710	46,480	23.24
07/06/94	AP008	80,000	33,190	46,810	23.41
07/06/94	AP009	66,010	33,420	32,590	16.30
09/13/94	AP010	67,940	45,950	21,990	11.00
09/13/94	AP011	70,320	45,950	24,370	12.19
09/13/94	AP012	74,000	45,950	28,050	14.03
09/15/94	AP013	66,840	38,340	28,500	14.25
09/15/94	AP014	69,580	46,240	23,340	11.67
09/15/94	AP015	74,420	43,460	30,960	15.48
10/17/94	AP016	72,040	46,250	25,790	12.90
10/22/94	AP017	70,840	46,170	24,670	12.34
10/31/94	AP018	66,220	40,110	26,110	13.06
10/31/94	AP019	69,140	40,670	28,470	14.24
10/31/94	AP020	72,520	46,150	26,370	13.19
01/03/95	AP021	75,800	41,110	34,690	17.35
01/09/95	AP022	52,720	40,380	12,340	6.17
01/16/95	AP023	74,080	39,410	34,670	<u>17.34</u>
TOTAL					385.16

COFFYVIL.WB1 09/22/95

# ROSE CHEMICALS SITE WASTE DISPOSAL LEDGER APTUS ARAGONITE INCINERATOR (TSCA/RCRA)

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(ton)
07/09/94	AR001	47,470	46,230	1,240	0.62
07/09/94	AR002	47,540	46,230	1,310	0.66
07/11/94	AR003	34,170	32,720	1,450	0.73
07/11/94	AR004	47,170	46,200	970	0.49
07/11/94	AR005	34,410	32,720	1,690	0.85
07/12/94	AR006	48,720	47,400	1,320	0.66
07/12/94	AR007	48,650	47,400	1,250	0.63
07/13/94	AR008	48,960	47,430	1,530	0.77
07/13/94	AR009	47,530	46,480	1,050	0.53
07/13/94	AR010	48,880	47,430	1,450	0.73
07/18/94	AR011	48,890	47,370	1,520	0.76
07/23/94	AR012	49,180	47,390	1,790	0.90
08/12/94	AR013	73,460	45,910	27,550	13.78
08/15/94	AR014	73,230	46,110	27,120	13.56
08/15/94	AR015	74,870	46,110	28,760	14.38
08/15/94	AR016	77,300	46,110	31,190	15.60
08/16/94	AR017	71,730	45,640	26,090	13.05
08/16/94	AR018	71,720	45,640	26,080	13.04
08/17/94	AR019	74,460	45,440	29,020	14.51
08/22/94	AR020	75,660	46,160	29,500	14.75
08/22/94	AR021	76,040	46,160	29,880	14.94
08/23/94	AR022	72,500	46,030	26,470	13.24
08/23/94	AR023	74,400	46,030	28,370	14.19
08/23/94	AR024	71,920	46,030	25,890	12.95
08/24/94	AR025	72,490	46,050	26,440	13.22
08/24/94	AR026	72,370	46,050	26,320	13.16
08/24/94	AR027	72,340	46,050	26,290	13.15
08/27/94	AR028	75,750	46,110	29,640	14.82
08/27/94	AR029	75,940	46,110	29,830	14.92
10/07/94	AR030	73,880	46,030	27,850	13.93
10/07/94	AR031	76,340	46,030	30,310	15.16
10/07/94	AR032	75,160	46,030	29,130	14.57
10/10/94	AR033	72,540	46,030	26,510	13.26
10/10/94	AR034	73,620	46,030	27,590	13.80
10/10/94	AR035	72,160	46,030	26,130	13.07
10/13/94	AR036	72,600	45,910	26,690	13.35
10/12/94	AR037	67,920	45,930	21,990	11.00
10/14/94	AR038	71,120	45,950	25,170	12.59
10/14/94	AR039	72,480	45,950	26,530	13.27
10/14/94	AR040	72,020	45,950	26,070	13.04
10/14/94	AR041	74,480	45,990	28,490	14.25
10/15/94	AR042	70,860	45,990	24,870	12.44
10/17/94	AR043	77,280	46,250	31,030	15.52

## ROSE CHEMICALS SITE WASTE DISPOSAL LEDGER APTUS ARAGONITE INCINERATOR (TSCA/RCRA)

DATE	<b>MANIFEST</b>	GROSS	TARE	NET	NET
<u>SHIPPED</u>	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(ton)
10/19/94	AR044	72,600	43,050	29,550	. 14.78
10/19/94	AR045	- 76,020	46,090	29,930	14.97
10/19/94	AR046	68,920	43,050	25,870	12.94
10/19/94	AR047	73,280	46,090	27,190	13.60
10/19/94	AR048	69,720	43,050	26,670	13.34
10/19/94	AR049	72,280	46,090	26,190	13.10
11/14/94	AR050	40,820	39,230	1,590	0.80
11/15/94	AR051	69,620	39,350	30,270	15.14
11/16/94	AR052	64,040	43,850	20,190	10.10
11/17/94	AR053	70,140	39,350	30,790	15.40
11/17/94	AR054	71,540	43,810	27,730	13.87
11/17/94	AR055.	70,460	43,810	26,650	13.33
11/17/94	AR056	72,860	44,570	28,290	14.15
11/22/94	AR057	69,880	38,870	31,010	15.51
12/09/94	AR058	76,000	40,240	35,760	17.88
12/10/94	AR059	68,520	39,270	29,250	<u>14.63</u>
TOTAL					648.15

ARAGONIT.WB1

# ROSE CHEMICALS SITE WASTE DISPOSAL LEDGER WASTE MANAGEMENT FOREST VIEW LANDFILL (RCRA SPECIAL)

DATE	<b>MANIFEST</b>	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
07/13/94	FV001	64,180	30,070	34,110	. 17.06
07/13/94	FV002	70,460	31,640	38,820	19.41
07/13/94	FV003	73,250	32,510	40,740	20.37
07/13/94	FV004	75,230	31,360	43,870	21.94
07/13/94	FV005	58,470	30,070	28,400	14.20
07/13/94	FV006	60,020	31,640	28,380	14.19
07/13/94	FV007	58,680	32,510	26,170	<u>13.09</u>
TOTAL					120.25

FRSTVIEW.WB1

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
06/11/94	GB001	54,190	31,910	22,280	11.14
06/11/94	GB002	45,670	32,250	13,420	6.71
06/12/94	GB003	55,280	31,110	24,170	12.09
06/12/94	GB004	47,520	32,400	15,120	7.56
06/12/94	GB005	52,940	36,390	16,550	8.28
06/12/94	GB006	57,180	33,700	23,480	11.74
06/21/94	GB007	37,920	24,630	13,290	6.65
06/21/94	GB008	37,060	26,050	11,010	5.51
06/21/94	GB009	54,210	23,080	31,130	15.57
06/21/94	GB010	55,640	23,080	32,560	16.28
06/21/94	GB011	48,120	26,050	22,070	11.04
06/21/94	GB012	48,280	24,630	23,650	11.83
06/22/94	GB013	47,040	26,130	20,910	10.46
06/22/94	GB014	47,670	23,480	24,190	12.10
06/22/94	GB015	39,120	24,490	14,630	7.32
06/22/94	GB016	29,330	25,160	4,170	2.09
06/22/94	GB017	45,510	21,320	24,190	12.10
06/22/94	GB018	53,150	23,480	29,670	14.84
06/22/94	GB019	51,610	26,130	25,480	12.74
06/22/94	GB020	45,530	24,490	21,040	10.52
06/22/94	GB021	53,800	25,160	28,640	14.32
06/22/94	GB022	50,460	21,320	29,140	14.57
06/30/94	GB023	45,280	23,110	22,170	11.09
06/30/94	GB024	42,410	24,260	18,150	9.08
06/30/94	GB025	44,350	21,140	23,210	11.61
06/30/94	GB026	47,520	25,760	21,760	10.88
06/30/94	GB027	45,920	25,060	20,860	10.43
06/30/94	GB028	45,960	23,110	22,850	11.43
06/30/94	GB029	47,100	24,260	22,840	11.42
06/30/94	GB030	45,730	21,140	24,590	12.30
06/30/94	GB031	50,660	25,760	24,900	12.45
06/30/94	GB032	47,500	25,060	22,440	11.22
06/30/94	GB033	52,330	23,110	29,220	14.61
06/30/94	GB034	44,890	24,260	20,630	10.32
06/30/94	GB035	52,420	25,760	26,660	13.33
06/30/94	GB036	51,800	23,110	28,690	14.35
06/30/94	GB037	49,890	21,140	28,750	14.38
07/06/94	GB038	43,170	25,890	17,280	8.64
07/06/94	GB039	38,890	24,560	14,330	7.17
07/06/94	GB040	40,850	22,490	18,360	9.18
07/06/94	GB041	47,230	24,090	23,140	11.57
07/06/94	GB042	46,500	25,890	20,610	10.31
07/06/94	GB043	47,230	24,560	22,670	11.34

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
07/06/94	GB044	48,750	22,490	26,260	. 13.13
07/06/94	GB045	46,490	24,090	22,400	11.20
07/06/94	GB046	43,520	25,890	17,630	8.82
07/07/94	GB047	45,280	24,410	20,870	10.44
07/07/94	GB048	48,550	25,670	22,880	11.44
07/07/94	GB049	48,980	22,550	26,430	13.22
07/07/94	GB050	48,690	24,150	24,540	12.27
07/07/94	GB051	46,900	24,410	22,490	11.25
07/07/94	GB052	48,710	25,670	23,040	11.52
07/07/94	GB053	51,290	22,550	28,740	14.37
07/07/94	GB054	54,370	24,150	30,220	15.11
07/07/94	GB055	49,460	24,410	25,050	12.53
07/07/94	· GB056	50,010	25,670	24,340	12.17
07/07/94	GB057	48,920	22,550	26,370	13.19
07/07/94	GB058	45,870	24,150	21,720	10.86
07/07/94	GB059	47,380	24,410	22,970	11.49
07/07/94	GB060	51,840	25,670	26,170	13.09
07/08/94	GB061	49,380	25,520	23,860	11.93
07/08/94	GB062	46,160	24,370	21,790	10.90
07/08/94	GB063	47,720	22,540	25,180	12.59
07/08/94	GB064	47,230	24,200	23,030	11.52
07/08/94	GB065	50,080	25,520	24,560	12.28
07/08/94	GB066	45,250	24,370	20,880	10.44
07/08/94	GB067	44,770	22,540	22,230	11.12
07/08/94	GB068	50,400	24,200	26,200	13.10
07/08/94	GB069	50,110	25,520	24,590	12.30
07/08/94	GB070	48,930	24,370	24,560	12.28
07/08/94	GB071	47,110	22,540	24,570	12.29
07/08/94	GB072	51,940	24,200	27,740	13.87
07/08/94	GB073	46,300	25,520	20,780	10.39
07/08/94	GB074	45,700	24,370	21,330	10.67
07/08/94	GB075	45,210	22,540	22,670	11.34
07/09/94	GB076	76,520	35,100	41,420	20.71
07/09/94	GB077	47,330	25,370	21,960	10.98
07/09/94	GB078	42,060	23,990	18,070	9.04
07/09/94	GB079	47,870	22,470	25,400	12.70
07/09/94	GB080	49,940	24,110	25,830	12.92
07/09/94	GB081	71,780	31,050	40,730	20.37
07/09/94	GB082	52,410	31,220	21,190	10.60
07/09/94	GB083	45,540	25,370	20,170	10.09
07/09/94	GB084	45,710	23,990	21,720	10.86
07/09/94	GB085	47,940	24,110	23,830	11.92
07/09/94	GB086	46,340	22,470	23,870	11.94

NUMBER   WEIGHT(III)   WEIGHT(III)   WEIGHT(III)   WEIGHT(IIII)   WEIGHT(IIII)   WEIGHT(IIIII)   WEIGHT(IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	DATE	MANIFEST	GROSS	TARE	NET	NET
07/09/94         GB088         74,110         31,050         43,060         21,53           07/09/94         GB089         57,030         31,220         25,810         12,91           07/09/94         GB091         77,700         35,100         42,600         21,30           07/09/94         GB092         48,200         25,370         22,830         11,42           07/09/94         GB093         44,060         22,470         21,590         10,80           07/09/94         GB094         45,930         21,450         24,480         12,24           07/09/94         GB095         49,580         24,110         25,470         12,74           07/09/94         GB096         74,180         31,020         24,920         12,24           07/09/94         GB097         56,140         31,220         24,920         12,46           07/09/94         GB098         43,600         23,990         19,610         9,81           07/09/94         GB099         68,520         35,100         33,420         16,71           07/09/94         GB101         45,150         22,470         22,680         11,34           07/11/94         GB103         48,250	SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
07/09/94         GB089         57,030         31,220         25,810         12.91           07/09/94         GB090         45,320         23,990         21,330         10.67           07/09/94         GB091         77,700         35,100         42,600         21.30           07/09/94         GB093         44,060         22,470         21,590         10.80           07/09/94         GB094         45,930         24,140         25,470         12.74           07/09/94         GB096         74,180         31,050         43,130         21,57           07/09/94         GB096         74,180         31,050         43,130         21,57           07/09/94         GB097         56,140         31,220         24,920         12,46           07/09/94         GB098         43,600         23,990         19,610         9,81           07/09/94         GB099         68,520         35,100         33,420         16,71           07/09/94         GB100         48,610         25,370         23,240         11,62           07/09/94         GB101         45,150         22,470         22,680         11,34           07/11/94         GB103         48,250			•	•		
07/09/94         GB090         45,320         23,990         21,330         10.67           07/09/94         GB091         77,700         35,100         42,600         21.30           07/09/94         GB092         48,200         25,370         22,830         11.42           07/09/94         GB093         44,060         22,470         21,590         10.80           07/09/94         GB094         45,930         21,450         24,480         12.24           07/09/94         GB096         49,580         24,110         25,470         12.74           07/09/94         GB096         74,180         31,050         43,130         21.57           07/09/94         GB097         56,140         31,220         24,920         12.46           07/09/94         GB098         43,600         23,990         19,610         9.81           07/09/94         GB099         68,520         35,100         33,420         16.71           07/09/94         GB100         48,610         25,370         23,240         11.62           07/01/99/4         GB101         45,150         22,470         22,680         11.34           07/01/99/4         GB102         48,120			•	· ·	•	
07/09/94         GB091         77,700         35,100         42,600         21,30           07/09/94         GB092         48,200         25,370         22,830         11,42           07/09/94         GB093         44,060         22,470         21,590         10,80           07/09/94         GB094         45,930         21,450         24,480         12,24           07/09/94         GB095         49,580         24,110         25,470         12,74           07/09/94         GB096         74,180         31,050         43,130         21,57           07/09/94         GB098         43,600         23,990         19,610         9,81           07/09/94         GB098         43,600         23,990         19,610         9,81           07/09/94         GB099         68,520         35,100         33,420         16,71           07/09/94         GB100         48,610         25,370         23,240         11,62           07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11,15           07/11/94         GB104         44,150			•	•	•	
07/09/94         GB092         48,200         25,370         22,830         11.42           07/09/94         GB093         44,060         22,470         21,590         10.80           07/09/94         GB094         45,930         21,450         24,480         12.24           07/09/94         GB095         49,580         24,110         25,470         12.74           07/09/94         GB096         74,180         31,050         43,130         21,57           07/09/94         GB097         56,140         31,220         24,920         12,46           07/09/94         GB098         43,600         23,990         19,610         9,81           07/09/94         GB099         68,520         35,100         33,420         16,71           07/09/94         GB100         48,610         25,370         23,240         11,62           07/09/94         GB101         45,150         22,470         22,680         11,34           07/09/94         GB102         48,120         24,110         24,010         12,01           07/11/94         GB103         48,250         25,960         22,290         11,15           07/11/94         GB104         44,150			•	·		
07/09/94         GB093         44,060         22,470         21,590         10.80           07/09/94         GB094         45,930         21,450         24,480         12.24           07/09/94         GB095         49,580         24,110         25,470         12.74           07/09/94         GB096         74,180         31,050         43,130         21.57           07/09/94         GB097         56,140         31,220         24,920         12.46           07/09/94         GB098         43,600         23,990         19,610         9.81           07/09/94         GB100         48,610         25,370         23,240         11.62           07/09/94         GB101         45,150         22,470         22,680         11.34           07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB107         47,690			•	•		
07/09/94         GB094         45,930         21,450         24,480         12.24           07/09/94         GB095         49,580         24,110         25,470         12.74           07/09/94         GB096         74,180         31,050         43,130         21.57           07/09/94         GB097         56,140         31,220         24,920         12.46           07/09/94         GB098         43,600         23,990         19,610         9.81           07/09/94         GB099         68,520         35,100         33,420         16.71           07/09/94         GB100         48,610         25,370         23,240         11.62           07/09/94         GB101         45,150         22,470         22,680         11.34           07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB105         63,910		<del>-</del>		•		
07/09/94         GB095         49,580         24,110         25,470         12.74           07/09/94         GB096         74,180         31,050         43,130         21,57           07/09/94         GB097         56,140         31,220         24,920         12,46           07/09/94         GB098         43,600         23,990         19,610         9,81           07/09/94         GB100         48,610         25,370         23,240         11,62           07/09/94         GB101         45,150         22,470         22,680         11,34           07/09/94         GB102         48,120         24,110         24,010         12,01           07/11/94         GB103         48,250         25,960         22,290         11,15           07/11/94         GB103         48,250         24,550         19,600         9,80           07/11/94         GB105         63,910         30,770         33,140         16,57           07/11/94         GB106         48,070         23,030         25,040         12,52           07/11/94         GB108         64,830         34,050         30,780         15,39           07/11/94         GB109         63,280			•	•	· ·	
07/09/94         GB096         74,180         31,050         43,130         21.57           07/09/94         GB097         56,140         31,220         24,920         12.46           07/09/94         GB098         43,600         23,990         19,610         9.81           07/09/94         GB099         68,520         35,100         33,420         16.71           07/09/94         GB101         45,150         22,470         22,680         11.34           07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000			-	· · · · · · · · · · · · · · · · · · ·	-	
07/09/94         GB097         56,140         31,220         24,920         12.46           07/09/94         GB098         43,600         23,990         19,610         9.81           07/09/94         GB099         68,520         35,100         33,420         16.71           07/09/94         GB100         48,610         25,370         22,2680         11.34           07/09/94         GB101         45,150         22,470         22,680         11.34           07/09/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB105         63,910         30,770         33,140         65,7           07/11/94         GB105         63,910         30,770         33,140         16,57           07/11/94         GB106         48,070         23,030         25,040         12,52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280		_	•	•	•	
07/09/94         GB098         43,600         23,990         19,610         9.81           07/09/94         GB099         68,520         35,100         33,420         16,71           07/09/94         GB100         48,610         25,370         23,240         11,62           07/09/94         GB101         45,150         22,470         22,680         11,34           07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11,15           07/11/94         GB104         44,150         24,550         19,600         9,80           07/11/94         GB105         63,910         30,770         33,140         16,57           07/11/94         GB106         48,070         23,030         25,040         12,52           07/11/94         GB107         47,690         24,050         23,640         11,82           07/11/94         GB109         63,280         39,150         24,130         12,07           07/11/94         GB110         47,000         25,960         21,040         10,52           07/11/94         GB111         47,020			•	-	-	
07/09/94         GB099         68,520         35,100         33,420         16.71           07/09/94         GB100         48,610         25,370         23,240         11.62           07/09/94         GB101         45,150         22,470         22,680         11.34           07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB104         44,150         24,550         19,600         9.80           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020			•	•	•	
07/09/94         GB100         48,610         25,370         23,240         11.62           07/09/94         GB101         45,150         22,470         22,680         11.34           07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB104         44,150         24,550         19,600         9.80           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB113         67,910		= -	•	•	•	
07/09/94         GB101         45,150         22,470         22,680         11.34           07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB115         69,060			•	•	-	
07/09/94         GB102         48,120         24,110         24,010         12.01           07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB104         44,150         24,550         19,600         9.80           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060			· · · · · · · · · · · · · · · · · · ·	•		
07/11/94         GB103         48,250         25,960         22,290         11.15           07/11/94         GB104         44,150         24,550         19,600         9.80           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060			•		-	
07/11/94         GB104         44,150         24,550         19,600         9.80           07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB115         69,060         34,050         24,380         12.19           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB118         45,710			•	•	=	
07/11/94         GB105         63,910         30,770         33,140         16.57           07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB118         45,710			•	•	•	
07/11/94         GB106         48,070         23,030         25,040         12.52           07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710			•	· _	•	
07/11/94         GB107         47,690         24,050         23,640         11.82           07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB120         50,140			•	•	-	16.57
07/11/94         GB108         64,830         34,050         30,780         15.39           07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB121         65,500			•	23,030	25,040	
07/11/94         GB109         63,280         39,150         24,130         12.07           07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500			•	24,050	23,640	11.82
07/11/94         GB110         47,000         25,960         21,040         10.52           07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB123         45,900			64,830	34,050	30,780	15.39
07/11/94         GB111         47,020         24,550         22,470         11.24           07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190			•	39,150	24,130	12.07
07/11/94         GB112         45,420         23,030         22,390         11.20           07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB125         48,610			•	25,960	21,040	10.52
07/11/94         GB113         67,910         30,770         37,140         18.57           07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190         23,030         23,160         11.58           07/11/94         GB125         48,610			•	24,550	22,470	11.24
07/11/94         GB114         48,430         24,050         24,380         12.19           07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190         23,030         23,160         11.58           07/11/94         GB125         48,610         24,050         24,560         12.28           07/11/94         GB126         68,140			•	•	22,390	11.20
07/11/94         GB115         69,060         34,050         35,010         17.51           07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190         23,030         23,160         11.58           07/11/94         GB125         48,610         24,050         24,560         12.28           07/11/94         GB126         68,140         30,770         37,370         18.69           07/11/94         GB128         48,090			•	•	37,140	18.57
07/11/94         GB116         38,110         25,960         12,150         6.08           07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190         23,030         23,160         11.58           07/11/94         GB125         48,610         24,050         24,560         12.28           07/11/94         GB126         68,140         30,770         37,370         18.69           07/11/94         GB128         48,090         25,960         22,130         11.07			•	24,050	24,380	12.19
07/11/94         GB117         44,510         24,550         19,960         9.98           07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190         23,030         23,160         11.58           07/11/94         GB125         48,610         24,050         24,560         12.28           07/11/94         GB126         68,140         30,770         37,370         18.69           07/11/94         GB127         64,920         34,050         30,870         15.44           07/11/94         GB128         48,090         25,960         22,130         11.07			•	=	•	17.51
07/11/94         GB118         45,710         23,030         22,680         11.34           07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190         23,030         23,160         11.58           07/11/94         GB125         48,610         24,050         24,560         12.28           07/11/94         GB126         68,140         30,770         37,370         18.69           07/11/94         GB127         64,920         34,050         30,870         15.44           07/11/94         GB128         48,090         25,960         22,130         11.07			•	•	-	6.08
07/11/94         GB119         65,180         30,770         34,410         17.21           07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190         23,030         23,160         11.58           07/11/94         GB125         48,610         24,050         24,560         12.28           07/11/94         GB126         68,140         30,770         37,370         18.69           07/11/94         GB127         64,920         34,050         30,870         15.44           07/11/94         GB128         48,090         25,960         22,130         11.07			•	24,550	19,960	9.98
07/11/94         GB120         50,140         24,050         26,090         13.05           07/11/94         GB121         65,500         34,050         31,450         15.73           07/11/94         GB122         48,180         25,960         22,220         11.11           07/11/94         GB123         45,900         24,550         21,350         10.68           07/11/94         GB124         46,190         23,030         23,160         11.58           07/11/94         GB125         48,610         24,050         24,560         12.28           07/11/94         GB126         68,140         30,770         37,370         18.69           07/11/94         GB127         64,920         34,050         30,870         15.44           07/11/94         GB128         48,090         25,960         22,130         11.07			•	23,030	22,680	11.34
07/11/94       GB121       65,500       34,050       31,450       15.73         07/11/94       GB122       48,180       25,960       22,220       11.11         07/11/94       GB123       45,900       24,550       21,350       10.68         07/11/94       GB124       46,190       23,030       23,160       11.58         07/11/94       GB125       48,610       24,050       24,560       12.28         07/11/94       GB126       68,140       30,770       37,370       18.69         07/11/94       GB127       64,920       34,050       30,870       15.44         07/11/94       GB128       48,090       25,960       22,130       11.07		GB119	•	30,770	34,410	17.21
07/11/94       GB122       48,180       25,960       22,220       11.11         07/11/94       GB123       45,900       24,550       21,350       10.68         07/11/94       GB124       46,190       23,030       23,160       11.58         07/11/94       GB125       48,610       24,050       24,560       12.28         07/11/94       GB126       68,140       30,770       37,370       18.69         07/11/94       GB127       64,920       34,050       30,870       15.44         07/11/94       GB128       48,090       25,960       22,130       11.07		GB120	50,140	24,050	26,090	13.05
07/11/94       GB123       45,900       24,550       21,350       10.68         07/11/94       GB124       46,190       23,030       23,160       11.58         07/11/94       GB125       48,610       24,050       24,560       12.28         07/11/94       GB126       68,140       30,770       37,370       18.69         07/11/94       GB127       64,920       34,050       30,870       15.44         07/11/94       GB128       48,090       25,960       22,130       11.07			65,500	34,050	31,450	15.73
07/11/94       GB124       46,190       23,030       23,160       11.58         07/11/94       GB125       48,610       24,050       24,560       12.28         07/11/94       GB126       68,140       30,770       37,370       18.69         07/11/94       GB127       64,920       34,050       30,870       15.44         07/11/94       GB128       48,090       25,960       22,130       11.07	07/11/94	GB122	48,180	25,960	22,220	11.11
07/11/94       GB125       48,610       24,050       24,560       12.28         07/11/94       GB126       68,140       30,770       37,370       18.69         07/11/94       GB127       64,920       34,050       30,870       15.44         07/11/94       GB128       48,090       25,960       22,130       11.07	07/11/94	GB123	45,900	24,550	21,350	10.68
07/11/94       GB126       68,140       30,770       37,370       18.69         07/11/94       GB127       64,920       34,050       30,870       15.44         07/11/94       GB128       48,090       25,960       22,130       11.07		GB124	46,190	23,030	23,160	11.58
07/11/94     GB127     64,920     34,050     30,870     15.44       07/11/94     GB128     48,090     25,960     22,130     11.07	07/11/94	GB125	48,610	24,050	24,560	12.28
07/11/94 GB128 48,090 25,960 22,130 11.07		GB126	68,140	30,770	37,370	18.69
	07/11/94	GB127	64,920	34,050	30,870	15.44
07/11/94 GB129 50,290 24,550 25,740 12.87	07/11/94	GB128	48,090	25,960	22,130	11.07
	07/11/94	GB129	50,290	24,550	25,740	12.87

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
07/11/94	GB130	45,000	24,050	20,950	10.48
07/12/94	GB131	46,200	24,120	22,080	11.04
07/12/94	GB132	49,310	25,510	23,800	11.90
07/12/94	GB133	47,130	22,570	24,560	12.28
07/12/94	GB134	47,800	34,810	12,990	6.50
07/12/94	GB135	46,360	24,050	22,310	11.16
07/12/94	GB136	45,750	30,850	14,900	7.45
07/12/94	GB137	36,840	29,280	7,560	3.78
07/12/94	GB138	46,430	22,570	23,860	11.93
07/12/94	GB139	46,260	24,120	22,140	11.07
07/12/94	GB140	48,710	25,510	23,200	11.60
07/12/94	GB141	48,640	24,050	24,590	12.30
07/12/94	GB142	41,970	34,810	7,160	3.58
07/12/94	GB143	45,380	24,120	21,260	10.63
07/12/94	GB144	47,890	25,510	22,380	11.19
07/12/94	GB145	45,400	22,570	22,830	11.42
07/12/94	GB146	46,410	24,050	22,360	11.18
07/12/94	GB147	45,430	30,850	14,580	7.29
07/12/94	GB148	51,490	29,280	22,210	11.11
07/12/94	GB149	53,230	34,810	18,420	9.21
07/12/94	GB150	45,530	25,510	20,020	10.01
07/12/94	GB151	42,570	24,120	18,450	9.23
07/12/94	GB152	44,200	22,570	21,630	10.82
07/12/94	GB153	49,510	24,050	25,460	12.73
07/12/94	GB154	68,780	30,850	37,930	18.97
07/13/94	GB155	32,150	24,560	7,590	3.80
07/13/94	GB156	38,630	25,930	12,700	6.35
07/13/94	GB157	47,470	30,910	16,560	8.28
07/13/94	GB158	30,730	22,580	8,150	4.08
07/13/94	GB159	26,890	24,080	2,810	1.41
07/13/94	GB160	39,320	34,510	4,810	2.41
07/13/94	GB161	34,340	29,250	5,090	2.55
07/13/94	GB162	31,960	25,930	6,030	3.02
07/13/94	GB163	27,410	24,560	2,850	1.43
07/13/94	GB164	43,270	30,910	12,360	6.18
07/13/94	GB165	48,520	34,510	14,010	7.01
07/13/94	GB166	36,510	22,580	13,930	6.97
07/13/94	GB167	38,720	24,080	14,640	7.32
07/13/94	GB168	35,530	24,560	10,970	5.49
07/14/94	GB169	45,030	24,380	20,650	10.33
07/14/94	GB170	45,390	25,650	19,740	
07/14/94	GB171	45,870	22,580	23,290	11.65
07/14/94	GB172	49,740	24,060	25,680	12.84

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
07/14/94	GB173	43,620	30,900	12,720	. 6.36
07/14/94	GB174	45,300	34,830	10,470	5.24
07/14/94	GB175	49,150	25,650	23,500	11.75
07/14/94	GB176	46,750	24,380	- 22,370	11.19
07/14/94	GB177	48,610	23,290	25,320	12.66
07/14/94	GB178	37,140	29,200	7,940	3.97
07 <i>/14/</i> 94	GB179	50,380	24,060	26,320	13.16
07/14/94	GB180	43,840	34,830	9,010	4.51
07/14/94	GB181	42,390	24,380	18,010	9.01
07/14/94	GB182	46,450	25,650	20,800	10.40
07/14/94	GB183	40,450	23,290	17,160	8.58
07/14/94	GB184	48,550	24,060	24,490	12.25
07/14/94	GB185	39,440	34,830	4,610	2.31
07/14/94	GB186	44,310	29,200	15,110	7.56
07/14/94	GB187	45,530	24,380	21,150	10.58
07/14/94	GB188	46,290	25,650	20,640	10.32
07/14/94	GB189	48,330	22,580	25,750	12.88
07/14/94	GB190	45,110	24,060	21,050	10.53
07/15/94	GB191	43,680	23,940	19,740	9.87
07/15/94	GB192	41,070	22,520	18,550	9.28
07/15/94	GB193	65,540	34,700	30,840	15.42
07/15/94	GB194	46,040	23,980	22,060	11.03
07/15/94	GB195	44,330	25,280	19,050	9.53
07/15/94	GB196	65,040	30,820	34,220	17.11
07/15/94	GB197	75,640	31,430	44,210	22.11
07/15/94	GB198	41,340	23,940	17,400	8.70
07/15/94	GB199	68,890	34,700	34,190	17.10
07/15/94	GB200	41,690	25,280	16,410	8.21
07/15/94	GB201	46,320	22,520	23,800	11.90
07/15/94	GB202	55,160	23,980	31,180	15.59
07/15/94	GB203	71,200	30,820	40,380	20.19
07/15/94	GB204	42,800	31,430	11,370	5.69
07/15/94	GB205	63,590	45,840	17,750	8.88
07/18/94	GB206	37,750	23,790	13,960	6.98
07/18/94	GB207	42,140	25,040	17,100	8.55
07/18/94	GB208	37,470	22,510	14,960	7.48
07/18/94	GB209	48,060	23,950	24,110	12.06
07/18/94	GB210	57,250	30,690	26,560	13.28
07/18/94	GB211	68,880	34,690	34,190	17.10
07/18/94	GB212	40,550	25,040	15,510	7.76
07/18/94	GB213	39,660	23,790	15,870	7.94
07/18/94	GB214	42,950	23,950	19,000	9.50
07/18/94	GB215	59,430	29,020	30,410	15.21

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
07/18/94	GB216	58,170	34,690	23,480	. 11.74
07/18/94	GB217	37,680	23,790	13,890	6.95
07/18/94	GB218	41,690	25,040	16,650	8.33
07/18/94	GB219	59,810	43,080	16,730	8.37
07/18/94	GB220	64,430	34,690	29,740	14.87
07/18/94	GB221	60,990	29,020	31,970	15.99
07/18/94	GB222	41,010	23,790	17,220	8.61
07/18/94	GB223	41,860	25,040	16,820	8.41
07/19/94	GB224	41,260	24,500	16,760	8.38
07/19/94	GB225	43,400	25,860	17,540	8.77
07/19/94	GB226	61,760	30,720	31,040	15.52
07/19/94	GB227	40,460	22,490	17,970	8.99
07/19/94	GB228	59,980	29,080	30,900	15.45
07/19/94	GB229	40,440	24,020	16,420	8.21
07/19/94	GB230	67,840	34,650	33,190	16.60
07/19/94	GB231	36,340	24,500	11,840	5.92
07/19/94	GB232	42,170	25,860	16,310	8.16
07/19/94	GB233	63,680	30,720	32,960	16.48
07/19/94	GB234	47,960	22,490	25,470	12.74
07/19/94	GB235	68,520	29,080	39,440	19.72
07/19/94	GB236	42,130	24,020	18,110	9.06
07/19/94	GB237	69,610	34,650	34,960	17.48
07/19/94	GB238	34,550	24,500	10,050	5.03
07/20/94	GB239	53,440	46,920	6,520	3.26
07/20/94	GB240	38,420	24,250	14,170	7.09
07/20/94	GB241	44,880	22,490	22,390	11.20
07/20/94	GB242	40,800	25,670	15,130	7.57
07/20/94	GB243	60,270	30,690	29,580	14.79
07/20/94	GB244	44,780	24,000	20,780	10.39
07/20/94	GB245	67,350	29,050	38,300	19.15
07/20/94	GB246	64,580	34,620	29,960	14.98
07/20/94	GB247	48,180	25,670	22,510	11.26
07/20/94	GB248	48,770	24,250	24,520	12.26
07/20/94	GB249	45,650	24,000	21,650	10.83
07/20/94	GB250	46,820	22,490	24,330	12.17
07/20/94	GB251	64,790	30,690	34,100	17.05
07/20/94	GB252	63,840	29,050	34,790	17.40
07/20/94	GB253	43,930	25,670	18,260	9.13
07/20/94	GB254	59,680	34,620	25,060	12.53
07/20/94	GB255	41,500	24,000	17,500	8.75
07/20/94	GB256	45,410	24,250	21,160	10.58
07/20/94	GB257	41,240	22,490	18,750	9.38

SHIPPED         NUMBER         WEIGHT(Ib)         WEIGHT(Ib)         WEIGHT(Ib)         WEIGHT(Ib)         WEIGHT(Ib)         WEIGHT(Ib)         WEIGHT(Ib)         PARTICIDAD           07/20/94         GB259         62,340         30,690         31,650         15,83           07/21/94         GB261         43,570         23,980         19,590         9.80           07/21/94         GB262         47,930         25,420         22,510         11,26           07/21/94         GB263         64,450         30,590         33,860         16,93           07/21/94         GB265         45,810         24,050         21,760         10,88           07/21/94         GB265         45,810         24,050         21,760         10,88           07/21/94         GB266         63,270         34,610         28,660         14,33           07/21/94         GB267         61,210         29,040         32,170         16,09           07/21/94         GB268         40,820         23,980         16,840         8,42           07/21/94         GB269         47,750         25,420         22,330         11,17           07/21/94         GB271         40,780         24,050         16,730	DATE	MANIFEST	GROSS	TARE	NET	NET
07/20/94         GB259         62,340         30,690         31,650         15.83           07/20/94         GB260         62,820         34,620         28,200         14.10           07/21/94         GB261         43,570         23,980         19,590         9.80           07/21/94         GB263         64,450         30,590         33,860         16.93           07/21/94         GB264         47,750         22,510         25,240         12.62           07/21/94         GB265         45,810         24,050         21,760         10.88           07/21/94         GB266         63,270         34,610         28,660         14.33           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB273         37,880         34,610         23,270         11.64           07/21/94         GB273         57,880         <	SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
07/20/94         GB259         62,340         30,690         31,650         15.83           07/20/94         GB260         62,820         34,620         28,200         14.10           07/21/94         GB261         43,570         23,980         19,590         9.80           07/21/94         GB263         64,450         30,590         33,860         16.93           07/21/94         GB264         47,750         22,510         25,240         12.62           07/21/94         GB265         45,810         24,050         21,760         10.88           07/21/94         GB266         63,270         34,610         28,660         14.33           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB273         37,880         34,610         23,270         11.64           07/21/94         GB273         57,880         <	07/20/94	GB258	58,650	29,050	29,600	. 14.80
07/21/94         GB261         43,570         23,980         19,590         9.80           07/21/94         GB262         47,930         25,420         22,510         11.26           07/21/94         GB263         64,450         30,590         33,860         16,93           07/21/94         GB264         47,750         22,510         25,240         12,62           07/21/94         GB265         45,810         24,050         21,760         10,88           07/21/94         GB266         63,270         34,610         28,660         14,33           07/21/94         GB268         40,820         23,980         16,840         8,42           07/21/94         GB269         47,750         25,420         22,330         11,17           07/21/94         GB271         40,780         24,050         16,730         8,37           07/21/94         GB271         40,780         24,050         16,730         8,37           07/21/94         GB273         57,880         34,610         23,270         11,66           07/21/94         GB273         57,880         34,610         23,270         11,65           07/21/94         GB276         47,680 <t< td=""><td>07/20/94</td><td>GB259</td><td>62,340</td><td></td><td>31,650</td><td>15.83</td></t<>	07/20/94	GB259	62,340		31,650	15.83
07/21/94         GB262         47,930         25,420         22,510         11.26           07/21/94         GB263         64,450         30,590         33,860         16.93           07/21/94         GB265         45,810         24,050         21,760         10.88           07/21/94         GB266         63,270         34,610         28,660         14.33           07/21/94         GB267         61,210         29,040         32,170         16.09           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB274         55,940         <	07/20/94	GB260	62,820	34,620	28,200	14.10
07/21/94         GB263         64,450         30,590         33,860         16.93           07/21/94         GB264         47,750         22,510         25,240         12.62           07/21/94         GB265         45,810         24,050         21,760         10.88           07/21/94         GB266         63,270         34,610         28,660         14.33           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,3480         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB274         55,940         29,040         26,900         13,45           07/21/94         GB275         40,220	07/21/94	GB261	43,570	23,980	19,590	9.80
07/21/94         GB264         47,750         22,510         25,240         12.62           07/21/94         GB265         45,810         24,050         21,760         10.88           07/21/94         GB266         63,270         34,610         28,660         14.33           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680 <td< td=""><td>07/21/94</td><td>GB262</td><td>47,930</td><td>25,420</td><td>22,510</td><td>11.26</td></td<>	07/21/94	GB262	47,930	25,420	22,510	11.26
07/21/94         GB265         45,810         24,050         21,760         10.88           07/21/94         GB266         63,270         34,610         28,660         14.33           07/21/94         GB267         61,210         29,040         32,170         16.09           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB275         40,220         23,980         16,240         8.12           07/22/94         GB276         47,680         25,420         22,260         11.13           07/23/94         GB276         57,790 <t< td=""><td>07/21/94</td><td>GB263</td><td>64,450</td><td>30,590</td><td>33,860</td><td>16.93</td></t<>	07/21/94	GB263	64,450	30,590	33,860	16.93
07/21/94         GB266         63,270         34,610         29,660         14.33           07/21/94         GB267         61,210         29,040         32,170         16.09           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,486         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB273         57,880         34,610         23,270         13.45           07/21/94         GB274         45,940         29,040         26,900         13.45           07/21/94         GB275         40,220         23,980         16,240         8.12           07/22/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB278         57,790 <t< td=""><td>07/21/94</td><td>GB264</td><td>47,750</td><td>22,510</td><td>25,240</td><td>12.62</td></t<>	07/21/94	GB264	47,750	22,510	25,240	12.62
07/21/94         GB267         61,210         29,040         32,170         16.09           07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB274         55,940         29,040         26,900         13.45           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790 <td< td=""><td>07/21/94</td><td>GB265</td><td>45,810</td><td>24,050</td><td>21,760</td><td>10.88</td></td<>	07/21/94	GB265	45,810	24,050	21,760	10.88
07/21/94         GB268         40,820         23,980         16,840         8.42           07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB276         47,680         25,420         22,260         11.13           07/23/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,520         24	07/21/94	GB266	63,270	34,610	28,660	14.33
07/21/94         GB269         47,750         25,420         22,330         11.17           07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB274         55,940         29,040         26,900         13.45           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB276         47,680         25,420         22,260         11.13           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         2	07/21/94	GB267	61,210	29,040	32,170	16.09
07/21/94         GB270         53,070         30,590         22,480         11.24           07/21/94         GB271         40,780         24,050         16,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB288         42,080         24,0	07/21/94	GB268	40,820	23,980	16,840	8.42
07/21/94         GB271         40,780         24,050         10,730         8.37           07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB274         55,940         29,040         26,900         13.45           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB286         58,110         38,1	07/21/94	GB269	47,750	25,420	22,330	11.17
07/21/94         GB272         39,660         22,510         17,150         8.58           07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB274         55,940         29,040         26,900         13.45           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB285         70,240         34,8	07/21/94	GB270	53,070	30,590	22,480	11.24
07/21/94         GB273         57,880         34,610         23,270         11.64           07/21/94         GB274         55,940         29,040         26,900         13.45           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,	07/21/94	GB271	40,780	24,050	16,730	8.37
07/21/94         GB274         55,940         29,040         26,900         13.45           07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,5	07/21/94	GB272	39,660	22,510	17,150	8.58
07/21/94         GB275         40,220         23,980         16,240         8.12           07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB288         63,480         29,2	07/21/94	GB273	57,880	34,610	23,270	11.64
07/21/94         GB276         47,680         25,420         22,260         11.13           07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB285         70,240         34,830         19,980         9.99           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB288         63,480         29,2	07/21/94	GB274	55,940	29,040	26,900	13.45
07/22/94         GB277         65,320         45,350         19,970         9.99           07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,8	07/21/94	GB275	40,220	23,980	16,240	8.12
07/23/94         GB278         57,790         48,180         9,610         4.81           07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB291         41,120         24,	07/21/94	GB276	47,680	25,420	22,260	11.13
07/23/94         GB279         54,130         38,150         15,980         7.99           07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB291         41,350         22	07/22/94	GB277	65,320	45,350	19,970	9.99
07/25/94         GB280         59,080         45,660         13,420         6.71           07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB293         65,700         34	07/23/94	GB278	57,790	48,180	9,610	4.81
07/25/94         GB281         42,960         25,800         17,160         8.58           07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34	07/23/94	GB279	54,130	38,150	15,980	7.99
07/25/94         GB282         42,520         24,470         18,050         9.03           07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB291         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         3	07/25/94	GB280	59,080	45,660	13,420	6.71
07/25/94         GB283         42,080         24,020         18,060         9.03           07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820	07/25/94	GB281	42,960	25,800	17,160	8.58
07/25/94         GB284         44,410         22,480         21,930         10.97           07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB293         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110 <td< td=""><td>07/25/94</td><td>GB282</td><td>42,520</td><td>24,470</td><td>18,050</td><td>9.03</td></td<>	07/25/94	GB282	42,520	24,470	18,050	9.03
07/25/94         GB285         70,240         34,830         35,410         17.71           07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110         25,800         23,310         11.66           07/25/94         GB297         47,080 <td< td=""><td>07/25/94</td><td>GB283</td><td>42,080</td><td>24,020</td><td>18,060</td><td>9.03</td></td<>	07/25/94	GB283	42,080	24,020	18,060	9.03
07/25/94         GB286         58,110         38,130         19,980         9.99           07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110         25,800         23,310         11.66           07/25/94         GB297         47,080         24,470         22,610         11.31           07/25/94         GB298         44,080 <td< td=""><td>07/25/94</td><td>GB284</td><td>44,410</td><td>22,480</td><td>21,930</td><td>10.97</td></td<>	07/25/94	GB284	44,410	22,480	21,930	10.97
07/25/94         GB287         65,890         30,550         35,340         17.67           07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110         25,800         23,310         11.66           07/25/94         GB297         47,080         24,470         22,610         11.31           07/25/94         GB298         44,080         22,480         21,600         10.80           07/25/94         GB299         45,920 <t< td=""><td>07/25/94</td><td>GB285</td><td>70,240</td><td>34,830</td><td>35,410</td><td>17.71</td></t<>	07/25/94	GB285	70,240	34,830	35,410	17.71
07/25/94         GB288         63,480         29,270         34,210         17.11           07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110         25,800         23,310         11.66           07/25/94         GB297         47,080         24,470         22,610         11.31           07/25/94         GB298         44,080         22,480         21,600         10.80           07/25/94         GB299         45,920         24,020         21,900         10.95	07/25/94	GB286	58,110	38,130	19,980	9.99
07/25/94         GB289         44,670         25,800         18,870         9.44           07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110         25,800         23,310         11.66           07/25/94         GB297         47,080         24,470         22,610         11.31           07/25/94         GB298         44,080         22,480         21,600         10.80           07/25/94         GB299         45,920         24,020         21,900         10.95	07/25/94	GB287	65,890	30,550	35,340	17.67
07/25/94         GB290         41,120         24,470         16,650         8.33           07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110         25,800         23,310         11.66           07/25/94         GB297         47,080         24,470         22,610         11.31           07/25/94         GB298         44,080         22,480         21,600         10.80           07/25/94         GB299         45,920         24,020         21,900         10.95	07/25/94	GB288	63,480	29,270	34,210	17.11
07/25/94         GB291         41,270         24,020         17,250         8.63           07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110         25,800         23,310         11.66           07/25/94         GB297         47,080         24,470         22,610         11.31           07/25/94         GB298         44,080         22,480         21,600         10.80           07/25/94         GB299         45,920         24,020         21,900         10.95	07/25/94	GB289	44,670	25,800	18,870	9.44
07/25/94         GB292         41,350         22,480         18,870         9.44           07/25/94         GB293         65,700         34,830         30,870         15.44           07/25/94         GB294         66,000         30,550         35,450         17.73           07/25/94         GB295         75,820         29,270         46,550         23.28           07/25/94         GB296         49,110         25,800         23,310         11.66           07/25/94         GB297         47,080         24,470         22,610         11.31           07/25/94         GB298         44,080         22,480         21,600         10.80           07/25/94         GB299         45,920         24,020         21,900         10.95	07/25/94	GB290	41,120	24,470	16,650	8.33
07/25/94       GB293       65,700       34,830       30,870       15.44         07/25/94       GB294       66,000       30,550       35,450       17.73         07/25/94       GB295       75,820       29,270       46,550       23.28         07/25/94       GB296       49,110       25,800       23,310       11.66         07/25/94       GB297       47,080       24,470       22,610       11.31         07/25/94       GB298       44,080       22,480       21,600       10.80         07/25/94       GB299       45,920       24,020       21,900       10.95	07 <i>/</i> 25/94	GB291	41,270	24,020	17,250	8.63
07/25/94       GB294       66,000       30,550       35,450       17.73         07/25/94       GB295       75,820       29,270       46,550       23.28         07/25/94       GB296       49,110       25,800       23,310       11.66         07/25/94       GB297       47,080       24,470       22,610       11.31         07/25/94       GB298       44,080       22,480       21,600       10.80         07/25/94       GB299       45,920       24,020       21,900       10.95	07/25/94	GB292	41,350	22,480	18,870	9.44
07/25/94       GB295       75,820       29,270       46,550       23.28         07/25/94       GB296       49,110       25,800       23,310       11.66         07/25/94       GB297       47,080       24,470       22,610       11.31         07/25/94       GB298       44,080       22,480       21,600       10.80         07/25/94       GB299       45,920       24,020       21,900       10.95	07/25/94	GB293	65,700	34,830	30,870	15.44
07/25/94       GB296       49,110       25,800       23,310       11.66         07/25/94       GB297       47,080       24,470       22,610       11.31         07/25/94       GB298       44,080       22,480       21,600       10.80         07/25/94       GB299       45,920       24,020       21,900       10.95	07/25/94	GB294	66,000	30,550	35,450	17.73
07/25/94       GB297       47,080       24,470       22,610       11.31         07/25/94       GB298       44,080       22,480       21,600       10.80         07/25/94       GB299       45,920       24,020       21,900       10.95	07/25/94	GB295	75,820	29,270	46,550	23.28
07/25/94       GB298       44,080       22,480       21,600       10.80         07/25/94       GB299       45,920       24,020       21,900       10.95	07/25/94	GB296	49,110	25,800	23,310	11.66
07/25/94 GB299 45,920 24,020 21,900 10.95	07/25/94	GB297	47,080	24,470	22,610	11.31
·	07 <i>/</i> 25/94	GB298	44,080	22,480	21,600	10.80
· · · · · · · · · · · · · · · · · · ·	07/25/94	GB299	45,920	24,020	21,900	10.95
	07/25/94	GB300	70,870	34,830	36,040	18.02

SHIPPED   NUMBER   WEIGHT(IIb)   WEIGHT(IIb)   WEIGHT(IIb)   WEIGHT(IIb)   O7/25/94   GB301   64,800   30,550   34,250   17.13   17.42   07/25/94   GB302   64,100   29,270   34,830   17.42   07/25/94   GB303   45,890   25,800   20,090   10.05   07/25/94   GB305   60,930   45,460   15,770   7.89   07/25/94   GB306   43,280   24,020   19,260   9.63   07/25/94   GB308   65,680   30,550   35,130   17.57   07/25/94   GB308   65,680   30,550   35,130   17.57   07/25/94   GB309   64,120   29,270   34,850   17.43   07/25/94   GB310   48,100   25,800   22,300   11.15   07/26/94   GB311   59,160   38,770   20,390   10.20   07/26/94   GB311   59,160   38,770   20,390   10.20   07/26/94   GB311   59,160   38,770   20,390   10.20   07/26/94   GB314   66,280   30,620   35,660   17.83   07/26/94   GB314   66,280   30,620   35,660   17.83   07/26/94   GB315   45,880   22,490   23,390   11.70   07/26/94   GB316   47,470   24,090   23,380   11.69   07/26/94   GB317   66,920   29,290   37,630   18,82   07/26/94   GB318   47,560   25,420   22,140   11.07   07/26/94   GB312   66,520   30,620   35,900   17.95   07/26/94   GB320   65,760   34,310   31,450   15,73   07/26/94   GB322   47,690   24,990   23,600   11.80   07/26/94   GB323   45,170   22,490   23,600   11.80   07/26/94   GB324   66,510   29,290   37,620   18,81   07/26/94   GB325   65,590   45,990   19,610   9,81   07/26/94   GB326   43,870   22,490   22,680   11.34   07/26/94   GB326   43,870   22,490   22,680   11.34   07/26/94   GB326   45,050   25,420   22,140   19,990   07/26/94   GB326   45,050   25,420   21,380   10.69   07/26/94   GB326   45,050   25,420   21,380   10.69   07/26/94   GB326   43,870   22,490   23,600   11.80   07/26/94   GB331   66,860   29,290   37,570   18,79   07/26/94   GB332   45,860   24,490   22,730   11.37   07/26/94   GB334   48,910   24,090   24,820   12,41   07/26/94   GB335	DATE	MANIFEST	GROSS	TARE	NET	NET
07/25/94         GB302         64,100         29,270         34,830         17.42           07/25/94         GB303         45,880         25,800         20,090         10.05           07/25/94         GB304         42,770         24,470         18,300         9.15           07/25/94         GB305         60,930         45,160         15,770         7.89           07/25/94         GB306         43,280         24,020         19,260         9.63           07/25/94         GB308         65,680         30,550         35,130         17.57           07/25/94         GB309         64,120         29,270         34,850         17.43           07/25/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.68           07/26/94         GB316         47,470         <	SHIPPED	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
07/25/94         GB303         45,890         25,800         20,090         10.05           07/25/94         GB304         42,770         24,470         18,300         9.15           07/25/94         GB306         60,930         45,160         15,770         7.89           07/25/94         GB306         43,280         24,020         19,260         9.63           07/25/94         GB308         65,680         30,550         35,130         17.74           07/25/94         GB309         64,120         29,270         34,850         17.43           07/25/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB316         47,470         24,090         23,390         11.70           07/26/94         GB316         47,560         <	07/25/94	GB301	64,800	30,550	34,250	17.13
07/25/94         GB305         60,930         45,160         15,770         7.85           07/25/94         GB305         60,930         45,160         15,770         7.89           07/25/94         GB306         43,280         24,020         19,260         9.63           07/25/94         GB308         65,680         30,550         35,130         17.57           07/25/94         GB309         64,120         29,270         34,850         17.43           07/26/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB315         45,880         22,490         23,380         11.70           07/26/94         GB316         47,470         24,090         23,380         11.70           07/26/94         GB318         47,560         <	07/25/94	GB302	64,100	29,270	34,830	17.42
07/26/94         GB305         60,930         45,160         15,770         7.89           07/25/94         GB306         43,280         24,020         19,260         9.63           07/25/94         GB308         65,680         30,550         35,130         17.57           07/25/94         GB309         64,120         29,270         34,850         17.43           07/25/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB312         44,970         25,420         19,550         9.78           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB318         47,560         <	07/25/94	GB303	45,890	25,800	20,090	10.05
07/25/94         GB306         43,280         24,020         19,260         9.63           07/25/94         GB307         41,120         22,480         18,640         9.32           07/25/94         GB308         65,680         30,550         35,130         17.43           07/25/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB312         44,970         25,420         19,550         9.78           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB315         45,880         22,490         23,390         11.70           07/26/94         GB315         45,880         22,490         23,390         11.70           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB320         65,760         <	07/25/94	GB304	42,770	24,470	18,300	9.15
07/25/94         GB307         41,120         22,480         18,640         9.32           07/25/94         GB308         65,680         30,550         35,130         17.57           07/25/94         GB309         64,120         29,270         34,850         17.45           07/26/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB312         44,970         25,420         19,550         9.78           07/26/94         GB313         45,520         24,150         21,370         10,69           07/26/94         GB315         45,880         22,490         23,380         11,70           07/26/94         GB315         45,880         22,490         23,380         11,70           07/26/94         GB316         47,470         24,090         23,380         11,69           07/26/94         GB318         47,560         25,420         22,140         11,07           07/26/94         GB318         47,560         25,420         22,140         11,07           07/26/94         GB329         65,760         34,310         31,450         15,73           07/26/94         GB321         66,520	07/26/94	GB305	60,930	45,160	15,770	7.89
07/25/94         GB308         65,680         30,550         35,130         17.57           07/25/94         GB309         64,120         29,270         34,850         17.43           07/25/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB312         44,970         25,420         19,550         9.78           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB316         47,470         24,090         23,380         11.70           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB320         65,760         34,310         31,450         15,73           07/26/94         GB321         66,520	07/25/94	GB306	43,280	24,020	19,260	9.63
07/25/94         GB309         64,120         29,270         34,850         17.43           07/25/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB312         44,970         25,420         19,550         9.78           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB318         47,560         25,420         22,140         11.09           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690	07/25/94	GB307	41,120	22,480	18,640	9.32
07/25/94         GB310         48,100         25,800         22,300         11.15           07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB312         44,970         25,420         19,550         9.78           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB316         47,470         24,090         23,380         11.70           07/26/94         GB317         66,920         29,290         37,630         18.82           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB323         45,170	07/25/94	GB308	65,680	30,550	35,130	17.57
07/26/94         GB311         59,160         38,770         20,390         10.20           07/26/94         GB312         44,970         25,420         19,550         9.78           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB315         45,880         22,490         23,390         11.70           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB317         66,920         29,290         37,630         18.82           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170	07/25/94	GB309	64,120	29,270	34,850	17.43
07/26/94         GB312         44,970         25,420         19,550         9.78           07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB315         45,880         22,490         23,390         11.70           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB317         66,920         29,290         37,630         18.82           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910	07/25/94	GB310	48,100	25,800	22,300	11.15
07/26/94         GB313         45,520         24,150         21,370         10.69           07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB315         45,880         22,490         23,390         11.70           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB317         66,920         29,290         37,630         18.82           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB326         43,870	07/26/94	GB311		38,770	20,390	10.20
07/26/94         GB314         66,280         30,620         35,660         17.83           07/26/94         GB315         45,880         22,490         23,390         11.70           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB317         66,920         29,290         37,630         18.82           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870	07/26/94	GB312	44,970	25,420	19,550	9.78
07/26/94         GB315         45,880         22,490         23,390         11.70           07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB317         66,920         29,290         37,630         18.82           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB328         45,050	07/26/94	GB313	45,520	24,150	21,370	10.69
07/26/94         GB316         47,470         24,090         23,380         11.69           07/26/94         GB317         66,920         29,290         37,630         18.82           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB328         45,050	07/26/94	GB314	66,280	30,620	35,660	17.83
07/26/94         GB317         66,920         29,290         37,630         18.82           07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB3223         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB3330         46,820	07/26/94	GB315	45,880	22,490	23,390	11.70
07/26/94         GB318         47,560         25,420         22,140         11.07           07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB331         66,860         <	07/26/94	GB316	47,470	24,090	23,380	11.69
07/26/94         GB319         44,330         24,150         20,180         10.09           07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860 <t< td=""><td>07/26/94</td><td>GB317</td><td>66,920</td><td>29,290</td><td>37,630</td><td>18.82</td></t<>	07/26/94	GB317	66,920	29,290	37,630	18.82
07/26/94         GB320         65,760         34,310         31,450         15.73           07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB333         42,480         <	07/26/94	GB318	47,560	25,420	22,140	11.07
07/26/94         GB321         66,520         30,620         35,900         17.95           07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB333         42,480         <	07/26/94	GB319	44,330	24,150	20,180	10.09
07/26/94         GB322         47,690         24,090         23,600         11.80           07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         <	07/26/94	GB320	65,760	34,310	31,450	15.73
07/26/94         GB323         45,170         22,490         22,680         11.34           07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         <	07/26/94		66,520	30,620	35,900	17.95
07/26/94         GB324         66,910         29,290         37,620         18.81           07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17,76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB337         58,780 <t< td=""><td>07/26/94</td><td>GB322</td><td>47,690</td><td>24,090</td><td>23,600</td><td>11.80</td></t<>	07/26/94	GB322	47,690	24,090	23,600	11.80
07/26/94         GB325         65,590         45,980         19,610         9.81           07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB338         42,640 <t< td=""><td>07/26/94</td><td>GB323</td><td>45,170</td><td>22,490</td><td>22,680</td><td>11.34</td></t<>	07/26/94	GB323	45,170	22,490	22,680	11.34
07/26/94         GB326         43,870         22,490         21,380         10.69           07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB339         43,610         <	07/26/94	GB324	66,910	29,290	37,620	18.81
07/26/94         GB327         44,130         24,150         19,980         9.99           07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610 <t< td=""><td>07/26/94</td><td>GB325</td><td>65,590</td><td>45,980</td><td>19,610</td><td>9.81</td></t<>	07/26/94	GB325	65,590	45,980	19,610	9.81
07/26/94         GB328         45,050         25,420         19,630         9.82           07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610         24,090         19,520         9.76           07/26/94         GB341         44,140 <t< td=""><td>07/26/94</td><td>GB326</td><td>43,870</td><td>22,490</td><td>21,380</td><td>10.69</td></t<>	07/26/94	GB326	43,870	22,490	21,380	10.69
07/26/94         GB329         66,140         30,620         35,520         17.76           07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610         24,090         19,520         9.76           07/26/94         GB340         60,020         30,620         29,400         14.70           07/27/94         GB341         44,140         <	07/26/94	GB327	44,130	24,150	19,980	9.99
07/26/94         GB330         46,820         24,090         22,730         11.37           07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610         24,090         19,520         9.76           07/26/94         GB340         60,020         30,620         29,400         14.70           07/27/94         GB341         44,140         24,490         19,650         9.83           07/27/94         GB342         45,270 <t< td=""><td>07/26/94</td><td>GB328</td><td>45,050</td><td>25,420</td><td>19,630</td><td>9.82</td></t<>	07/26/94	GB328	45,050	25,420	19,630	9.82
07/26/94         GB331         66,860         29,290         37,570         18.79           07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610         24,090         19,520         9.76           07/26/94         GB340         60,020         30,620         29,400         14.70           07/27/94         GB341         44,140         24,490         19,650         9.83           07/27/94         GB342         45,270         24,080         21,190         10.60	07/26/94	GB329	66,140	30,620	35,520	
07/26/94         GB332         45,880         24,150         21,730         10.87           07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610         24,090         19,520         9.76           07/26/94         GB340         60,020         30,620         29,400         14.70           07/27/94         GB341         44,140         24,490         19,650         9.83           07/27/94         GB342         45,270         24,080         21,190         10.60			•	•	•	
07/26/94         GB333         42,480         22,490         19,990         10.00           07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610         24,090         19,520         9.76           07/26/94         GB340         60,020         30,620         29,400         14.70           07/27/94         GB341         44,140         24,490         19,650         9.83           07/27/94         GB342         45,270         24,080         21,190         10.60	07/26/94	GB331	66,860	29,290	37,570	18.79
07/26/94         GB334         48,910         24,090         24,820         12.41           07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610         24,090         19,520         9.76           07/26/94         GB340         60,020         30,620         29,400         14.70           07/27/94         GB341         44,140         24,490         19,650         9.83           07/27/94         GB342         45,270         24,080         21,190         10.60			•	•	21,730	
07/26/94         GB335         57,560         39,260         18,300         9.15           07/26/94         GB336         61,090         30,620         30,470         15.24           07/26/94         GB337         58,780         29,270         29,510         14.76           07/26/94         GB338         42,640         24,150         18,490         9.25           07/26/94         GB339         43,610         24,090         19,520         9.76           07/26/94         GB340         60,020         30,620         29,400         14.70           07/27/94         GB341         44,140         24,490         19,650         9.83           07/27/94         GB342         45,270         24,080         21,190         10.60	07/26/94	GB333	42,480	22,490	19,990	
07/26/94       GB336       61,090       30,620       30,470       15.24         07/26/94       GB337       58,780       29,270       29,510       14.76         07/26/94       GB338       42,640       24,150       18,490       9.25         07/26/94       GB339       43,610       24,090       19,520       9.76         07/26/94       GB340       60,020       30,620       29,400       14.70         07/27/94       GB341       44,140       24,490       19,650       9.83         07/27/94       GB342       45,270       24,080       21,190       10.60	07/26/94	GB334	48,910	24,090	24,820	12.41
07/26/94       GB337       58,780       29,270       29,510       14.76         07/26/94       GB338       42,640       24,150       18,490       9.25         07/26/94       GB339       43,610       24,090       19,520       9.76         07/26/94       GB340       60,020       30,620       29,400       14.70         07/27/94       GB341       44,140       24,490       19,650       9.83         07/27/94       GB342       45,270       24,080       21,190       10.60	07/26/94	GB335	57,560	39,260	18,300	9.15
07/26/94       GB338       42,640       24,150       18,490       9.25         07/26/94       GB339       43,610       24,090       19,520       9.76         07/26/94       GB340       60,020       30,620       29,400       14.70         07/27/94       GB341       44,140       24,490       19,650       9.83         07/27/94       GB342       45,270       24,080       21,190       10.60		GB336	61,090	30,620		15.24
07/26/94       GB339       43,610       24,090       19,520       9.76         07/26/94       GB340       60,020       30,620       29,400       14.70         07/27/94       GB341       44,140       24,490       19,650       9.83         07/27/94       GB342       45,270       24,080       21,190       10.60	07/26/94	GB337	58,780	29,270	29,510	14.76
07/26/94       GB340       60,020       30,620       29,400       14.70         07/27/94       GB341       44,140       24,490       19,650       9.83         07/27/94       GB342       45,270       24,080       21,190       10.60	07/26/94	GB338	42,640	24,150	18,490	9.25
07/27/94       GB341       44,140       24,490       19,650       9.83         07/27/94       GB342       45,270       24,080       21,190       10.60	07/26/94	GB339	43,610	24,090	19,520	9.76
07/27/94 GB342 45,270 24,080 21,190 10.60			•		•	
· · · · · · · · · · · · · · · · · · ·	07/27/94	GB341	44,140	24,490	•	9.83
07/27/94 GB343 43,860 22,460 21,400 10.70	07/27/94	GB342	45,270	<del>-</del>	•	
	07/27/94	GB343	43,860	22,460	21,400	10.70

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
07/27/94	GB344	62,970	33,980	28,990	. 14.50
07/27/94	GB345	66,880	30,640	36,240	18.12
07/27/94	GB346	65,120	29,030	36,090	18.05
07/27/94	GB347	40,890	24,490	16,400	8.20
07/27/94	GB348	39,430	22,460	16,970	8.49
07/27/94	GB349	42,320	24,080	18,240	9.12
07/27/94	GB350	64,560	33,980	30,580	15.29
07/27/94	GB351	63,880	30,640	33,240	16.62
07/27/94	GB352	65,750	29,030	36,720	18.36
07/27/94	GB353	45,650	24,490	21,160	10.58
07/27/94	GB354	42,970	22,460	20,510	10.26
07 <i>1</i> 27 <i>1</i> 94	GB355	49,200	24,080	25,120	12.56
07 <i>1</i> 27 <i>1</i> 94	GB356	66,150	33,980	32,170	16.09
07/27/94	GB357	41,610	24,490	17,120	8.56
07/27/94	GB358	66,580	29,030	37,550	18.78
07/27/94	GB359	69,200	30,640	38,560	19.28
07/27/94	GB360	43,680	22,460	21,220	10.61
07/27/94	GB361	45,500	24,080	21,420	10.71
07/28/94	GB362	40,040	24,520	15,520	7.76
07/28/94	GB363	40,750	25,840	14,910	7.46
07/28/94	GB364	39,120	22,470	16,650	8.33
07/28/94	GB365	58,200	30,610	27,590	13.80
07/28/94	GB366	62,440	34,630	27,810	13.91
07/28/94	GB367	42,610	24,100	18,510	9.26
07/28/94	GB368	58,490	29,060	29,430	14.72
07/28/94	GB369	42,680	24,520	18,160	9.08
07/28/94	GB370	42,060	25,840	16,220	8.11
07/28/94	GB371	35,490	22,470	13,020	6.51
07/28/94	GB372	64,120	30,610	33,510	16.76
07/28/94	GB373	62,840	34,630	28,210	14.11
07/28/94	GB374	57,100	39,480	17,620	8.81
07/28/94	GB375	43,790	24,100	19,690	
07/28/94	GB376	65,550	29,060	36,490	18.25
07/28/94	GB377	48,810	25,840	22,970	11.49
07/28/94	GB378	47,620	24,520	23,100	11.55
07/28/94	GB379	47,120	22,470	24,650	12.33
07/28/94	GB380	68,530	30,610	37,920	18.96
07/28/94	GB381	70,470	34,630	35,840	17.92
07/28/94	GB382	67,820	46,170	21,650	10.83
07/28/94	GB383	49,430	24,100	25,330	
07/28/94	GB384	64,750	29,060	35,690	
07/28/94	GB385	47,210	25,840	21,370	
07/29/94	GB386	42,130	24,240	17,890	8.95

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(ton)
07/29/94	GB387	67,320	34,690	32,630	. 16.32
07/29/94	GB388	41,860	25,520	16,340	8.17
07/29/94	GB389	44,090	22,460	21,630	10.82
07/29/94	GB390	65,530	30,620	34,910	17.46
07/29/94	GB391	47,690	24,050	23,640	11.82
07/29/94	GB392	59,750	29,100	30,650	15.33
07/29/94	GB393	44,410	24,240	20,170	10.09
07/29/94	GB394	46,730	25,520	21,210	10.61
07/29/94	GB395	63,200	34,690	28,510	14.26
07/29/94	GB396	62,390	30,620	31,770	15.89
07/29/94	GB397	38,490	24,050	14,440	7.22
07/29/94	GB398	67,850	44,820	23,030	11.52
07/29/94	GB399	41,410	22,460	18,950	9.48
07/29/94	GB400	60,980	29,100	31,880	. 15.94
07/29/94	GB401	36,410	25,520	10,890	5.45
07/30/94	GB402	61,010	38,380	22,630	11.32
08/01/94	GB403	41,510	24,160	17,350	8.68
08/01/94	GB404	69,570	30,790	38,780	19.39
08/01/94	GB405	40,070	24,190	15,880	7.94
08/01/94	GB406	67,750	34,690	33,060	16.53
08/01/94	GB407	58,750	29,380	29,370	14.69
08/01/94	GB408	39,900	22,580	17,320	8.66
08/01/94	GB409	42,410	24,160	18,250	9.13
08/01/94	GB410	42,660	25,380	17,280	8.64
08/01/94	GB411	68,850	46,560	22,290	11.15
08/01/94	GB412	47,050	24,190	22,860	11.43
08/01/94	GB413	41,510	24,160	17,350	8.68
08/01/94	GB414	45,850	25,380	20,470	10.24
08/01/94	GB415	63,920	30,790	33,130	16.57
08/01/94	GB416	66,920	34,690	32,230	16.12
08/01/94	GB417	42,160	25,380	16,780	8.39
08/01/94	GB418	62,470	29,380	33,090	16.55
08/02/94	GB419	43,970	24,570	19,400	9.70
08/02/94	GB420	49,690	25,950	23,740	11.87
08/02/94	GB421	46,350	24,140	22,210	11.11
08/02/94	GB422	41,140	22,620	18,520	9.26
08/02/94	GB423	69,960	34,580	35,380	17.69
08/02/94	GB424	64,730	30,690	34,040	17.02
08/02/94	GB425	57,430	29,690	27,740	13.87
08/02/94	GB426	42,830	24,570	18,260	9.13
08/02/94	GB427	44,610	25,950	18,660	9.33
08/02/94	GB428	41,770	24,140	17,630	8.82
08/02/94	GB429	39,100	22,620	16,480	8.24

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
08/02/94	GB430	66,470	29,690	36,780	18.39
08/02/94	GB431	72,140	34,580	37,560	18.78
08/02/94	GB432	59,600	30,690	28,910	14.46
08/03/94	GB433	46,260	24,380	21,880	10.94
08/03/94	GB434	42,980	25,780	17,200	8.60
08/03/94	GB435	39,150	22,540	16,610	8.31
08/03/94	GB436	63,010	30,740	32,270	16.14
08/03/94	GB437	45,040	24,150	20,890	10.45
08/03/94	GB438	62,110	34,940	27,170	13.59
08/03/94	GB439	65,210	29,050	36,160	18.08
08/03/94	GB440	44,570	24,380	20,190	10.10
08/03/94	GB441	47,110	25,780	21,330	10.67
08/03/94	GB442	49,600	22,540	27,060	13.53
08/03/94	GB443	62,690	30,740	31,950	15.98
08/03/94	GB444	45,500	24,150	21,350	10.68
08/03/94	GB445	60,470	34,940	25,530	12.77
08/03/94	GB446	62,850	29,050	33,800	16.90
08/04/94	GB447	42,380	24,300	18,080	9.04
08/04/94	GB448	43,320	25,700	17,620	8.81
08/04/94	GB449	61,770	30,860	30,910	15.46
08/04/94	GB450	43,530	24,340	19,190	9.60
08/04/94	GB451	38,870	22,490	16,380	8.19
08/04/94	GB452	61,940	35,210	26,730	13.37
08/04/94	GB453	66,910	29,350	37,560	18.78
08/04/94	GB454	45,950	25,700	20,250	10.13
08/04/94	GB455	47,050	24,300	22,750	11.38
08/04/94	GB456	44,990	23,340	21,650	10.83
08/04/94	GB457	43,040	22,490	20,550	10.28
08/04/94	GB458	63,810	30,860	32,950	16.48
08/04/94	GB459	66,930	35,210	31,720	15.86
08/04/94	GB460	64,910	29,350	35,560	17.78
08/04/94	GB461	45,840	25,700	20,140	10.07
08/04/94	GB462	45,950	24,300	21,650	10.83
08/04/94	GB463	47,320	22,490	24,830	12.42
08/04/94	GB464	62,850	30,860	31,990	16.00
08/04/94	GB465	67,160	35,210	31,950	15.98
08/04/94	GB466	46,920	24,340	22,580	11.29
08/04/94	GB467	56,150	29,350	26,800	13.40
08/04/94	GB468	44,750	25,700	19,050	9.53
08/04/94	GB469	45,220	24,300	20,920	10.46
08/04/94	GB470	63,560	30,860	32,700	
08/04/94	GB471	69,670	35,210	34,460	
08/04/94	GB472	44,000	22,490	21,510	10.76

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
08/04/94	GB473	45,220	22,490	22,730	11.37
08/04/94	GB474	54,550	29,350	25,200	12.60
08/08/94	GB475	53,560	38,360	15,200	7.60
08/09/94	GB476	72,300	36,240	36,060	18.03
08/10/94	GB477	65,380	35,330	30,050	15.03
08/10/94	GB478	45,510	25,750	19,760	9.88
08/10/94	GB479	46,920	24,470	22,450	11.23
08/10/94	GB480	42,540	22,450	20,090	10.05
08/10/94	GB481	66,740	30,220	36,520	18.26
08/10/94	GB482	44,770	24,360	20,410	10.21
08/10/94	GB483	47,950	25,750	22,200	11.10
08/10/94	GB484	67,180	35,330	31,850	15.93
08/10/94	GB485	47,640	24,470	23,170	11.59
08/10/94	GB486	70,870	30,220	40,650	20.33
08/10/94	GB487	46,720	22,450	24,270	12.14
08/10/94	GB488	47,000	24,360	22,640	11.32
08/10/94	GB489	67,850	35,330	32,520	16.26
08/10/94	GB490	44,410	25,750	18,660	9.33
08/10/94	GB491	47,340	24,470	22,870	11.44
08/10/94	GB492	65,730	30,220	35,510	17.76
08/10/94	GB493	49,650	24,360	25,290	12.65
08/10/94	GB494	44,650	22,450	22,200	11.10
08/10/94	GB495	48,690	25,750	22,940	11.47
08/10/94	GB496	68,960	35,330	33,630	16.82
08/10/94	GB497	47,750	24,470	23,280	11.64
08/10/94	GB498	69,510	30,220	39,290	19.65
08/10/94	GB499	44,560	25,750	18,810	9.41
08/10/94	GB500	69,780	35,330	34,450	17.23
08/10/94	GB501	45,330	24,470	20,860	10.43
08/10/94	GB502	61,180	30,220	30,960	15.48
08/11/94	GB503	46,890	24,100	22,790	11.40
08/11/94	GB504	49,280	25,400	23,880	11.94
08/11/94	GB505	72,400	34,470	37,930	18.97
08/11/94	GB506	68,220	30,160	38,060	19.03
08/11/94	GB507	69,500	34,470	35,030	17.52
08/11/94	GB508	48,750	25,400	23,350	
08/11/94	GB509	41,970	24,100	17,870	
08/11/94	GB510	68,110	30,160	37,950	
08/11/94	GB511	46,240	25,400	20,840	
08/11/94	GB512	67,510	34,470	33,040	
08/11/94	GB513	40,300	24,100	16,200	
08/11/94	GB514	63,270	30,160	33,110	
08/11/94	GB515	42,650	25,400	17,250	8.63

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
08/11/94	GB516	45,700	24,100	21,600	10.80
08/11/94	GB517	58,840	34,470	24,370	12.19
08/11/94	GB518	68,830	30,160	38,670	19.34
08/11/94	GB519	68,280	34,470	33,810	16.91
08/11/94	GB520	63,250	30,160	33,090	16.55
08/11/94	GB521	41,780	25,400	16,380	8.19
08/12/94	GB522	44,930	25,790	19,140	9.57
08/12/94	GB523	48,020	24,480	23,540	11.77
08/12/94	GB524	71,490	34,500	36,990	18.50
08/12/94	GB525	68,060	30,100	37,960	18.98
08/12/94	GB526	47,630	25,790	21,840	10.92
08/12/94	GB527	46,320	24,480	21,840	10.92
08/12/94	GB528	67,010	34,500	32,510	16.26
08/12/94	GB529	68,040	30,100	37,940	18.97
08/12/94	GB530	44,040	24,480	19,560	9.78
08/12/94	GB531	46,900	25,790	21,110	10.56
08/12/94	GB532	62,750	30,100	32,650	16.33
08/12/94	GB533	66,350	34,500	31,850	15.93
08/12/94	GB534	46,520	25,790	20,730	10.37
08/12/94	GB535	49,430	24,480	24,950	12.48
08/12/94	GB536	67,950	34,500	33,450	16.73
08/12/94	GB537	67,300	30,100	37,200	18.60
08/12/94	GB538	51,400	25,790	25,610	12.81
08/12/94	GB539	48,190	24,480	23,710	11.86
08/12/94	GB540	61,900	34,500	27,400	13.70
08/15/94	GB541	44,150	25,310	18,840	9.42
08/15/94	GB542	45,110	24,080	21,030	10.52
08/15/94	GB543	65,030	34,520	30,510	15.26
08/15/94	GB544	60,760	30,170	30,590	15.30
08/15/94	GB545	63,800	32,130	31,670	15.84
08/15/94	GB546	44,250	25,310	18,940	9.47
08/15/94	GB547	42,990	24,080	18,910	9.46
08/15/94	GB548	65,520	34,520	31,000	15.50
08/15/94	GB549	64,130	30,170	33,960	16.98
08/15/94	GB550	65,220	32,130	33,090	16.55
08/15/94	GB551	46,240	25,310	20,930	10.47
08/15/94	GB552	44,980	24,080	20,900	10.45
08/15/94	GB553	67,390	34,520	32,870	16.44
08/15/94	GB554	63,120	30,170	32,950	16.48
08/15/94	GB555	70,660	32,130	38,530	
08/15/94	GB556	48,060	25,310	22,750	
08/15/94	GB557	44,240	24,080	20,160	
08/15/94	GB558	66,200	34,520	31,680	15.84

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
08/15/94	GB559	69,250	30,170	39,080	19.54
08/15/94	GB560	70,380	32,130	38,250	19.13
08/15/94	GB561	44,570	24,080	20,490	10.25
08/15/94	GB562	41,860	25,310	16,550	8.28
08/15/94	GB563	67,850	34,520	33,330	16.67
08/15/94	GB564	73,710	30,170	43,540	21.77
08/15/94	GB565	59,760	32,130	27,630	13.82
08/16/94	GB566	64,690	30,120	34,570	17.29
08/16/94	GB567	47,380	24,550	22,830	11.42
08/16/94	GB568	47,090	25,770	21,320	10.66
08/16/94	GB569	68,000	34,440	33,560	16.78
08/16/94	GB570	71,530	34,890	36,640	18.32
08/16/94	GB571	67,010	32,250	34,760	17.38
08/16/94	GB572	64,250	30,120	34,130	17.07
08/16/94	GB573	44,060	24,550	19,510	9.76
08/16/94	GB574	43,330	25,770	17,560	8.78
08/16/94	GB575	68,020	34,440	33,580	16.79
08/16/94	GB576	67,950	34,890	33,060	16.53
08/16/94	GB577	43,610	25,770	17,840	8.92
08/16/94	GB578	67,170	32,250	34,920	17.46
08/16/94	GB579	42,930	24,550	18,380	9.19
08/16/94	GB580	61,960	30,120	31,840	15.92
08/16/94	GB581	70,530	34,440	36,090	18.05
08/16/94	GB582	75,410	34,890	40,520	20.26
08/16/94	GB583	72,350	32,250	40,100	20.05
08/16/94	GB584	46,000	24,550	21,450	10.73
08/16/94	GB585	67,590	30,120	37,470	18.74
08/16/94	GB586	63,150	34,440	28,710	14.36
08/16/94	GB587	42,080	25,770	16,310	8.16
08/16/94	GB588	68,280	34,890	33,390	16.70
08/16/94	GB589	72,910	32,250	40,660	20.33
08/17/94	GB590	46,730	25,400	21,330	10.67
08/17/94	GB591	45,450	24,190	21,260	10.63
08/17/94	GB592	62,280	31,480	30,800	15.40
08/17/94	GB593	69,020	30,120	38,900	19.45
08/17/94	GB594	72,440	35,110	37,330	18.67
08/17/94	GB595	46,340	25,400	20,940	10.47
08/17/94	GB596	68,710	32,270	36,440	18.22
08/17/94	GB597	45,090	24,190	20,900	10.45
08/17/94	GB598	68,070	31,480	36,590	18.30
08/17/94	GB599	67,930	30,120	37,810	18.91
08/17/94	GB600	75,590	35,110	40,480	20.24
08/17/94	GB601	48,910	25,400	23,510	11.76

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
08/17/94	GB602	63,240	32,270	30,970	15.49
08/17/94	GB603	46,260	24,190	22,070	11.04
08/17/94	<b>GB604</b>	68,120	31,480	36,640	18.32
08/17/94	GB605	70,110	30,120	39,990	20.00
08/17/94	GB606	45,890	25,400	20,490	10.25
08/17/94	GB607	70,240	35,110	35,130	17.57
08/17/94	GB608	67,160	32,270	34,890	17.45
08/17/94	GB609	46,340	24,190	22,150	11.08
08/17/94	GB610	70,120	31,480	38,640	19.32
08/17/94	GB611	71,670	30,120	41,550	20.78
08/17/94	GB612	47,370	25,400	21,970	10.99
08/17/94	GB613	59,630	35,110	24,520	12.26
08/18/94	GB614	45,780	23,890	.21,890	10.95
08/18/94	GB615	48,730	25,800	22,930	11.47
08/18/94	GB616	67,750	29,070	38,680	19.34
08/18/94	GB617	69,290	34,370	34,920	17.46
08/18/94	GB618	73,990	35,150	38,840	19.42
08/18/94	GB619	72,130	32,270	39,860	19.93
08/18/94	GB620	46,870	23,890	22,980	11.49
08/18/94	GB621	50,450	25,800	24,650	12.33
08/18/94	GB622	71,360	34,370	36,990	18.50
08/18/94	GB623	72,180	35,150	37,030	18.52
08/18/94	GB624	70,700	29,070	41,630	20.82
08/18/94	GB625	74,050	32,270	41,780	20.89
08/18/94	GB626	46,160	23,890	22,270	11.14
08/18/94	GB627	50,660	25,800	24,860	12.43
08/18/94	GB628	75,150	34,370	40,780	20.39
08/18/94	GB629	68,670	35,150	33,520	16.76
08/18/94	GB630	66,550	29,070	37,480	18.74
08/18/94	GB631	65,690	32,270	33,420	16.71
08/18/94	GB632	45,750	25,800	19,950	9.98
08/18/94	GB633	67,470	34,370	33,100	16.55
08/18/94	GB634	64,040	29,070	34,970	17.49
08/18/94	GB635	72,880	35,150	37,730	18.87
08/22/94	GB636	45,560	24,570	20,990	10.50
08/22/94	GB637	70,510	34,320	36,190	
08/22/94	GB638	68,020	30,820	37,200	18.60
08/22/94	GB639	67,670	35,120	32,550	16.28
08/22/94	GB640	68,610	32,230	36,380	
08/22/94	GB641	56,820	46,830	9,990	
08/22/94	GB642	46,360	25,450	20,910	
08/22/94	GB643	45,020	24,570	20,450	
08/22/94	GB644	64,660	34,320	30,340	15.17

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
08/22/94	GB645	66,320	30,820	35,500	17.75
08/22/94	GB646	68,790	35,120	33,670	16.84
08/22/94	GB647	70,480	32,230	38,250	19.13
08/22/94	GB648	63,460	52,190	11,270	5.64
08/22/94	GB649	43,520	24,570	18,950	9.48
08/22/94	GB650	47,930	25,450	22,480	11.24
08/22/94	GB651	69,790	34,320	35,470	17.74
08/22/94	GB652	62,290	30,820	31,470	15.74
08/22/94	GB653	67,800	32,230	35,570	17.79
08/22/94	GB654	66,950	35,120	31,830	15.92
08/22/94	GB655	48,620	25,450	23,170	11.59
08/23/94	GB656	42,720	24,150	18,570	9.29
08/23/94	GB657	45,260	25,380	19,880	9.94
08/23/94	GB658	68,800	30,430	38,370	19.19
08/23/94	GB659	65,620	34,200	31,420	15.71
08/23/94	GB660	68,130	35,170	32,960	16.48
08/23/94	GB661	67,300	32,150	35,150	17.58
08/23/94	GB662	43,410	25,380	18,030	9.02
08/23/94	GB663	44,870	24,150	20,720	10.36
08/23/94	GB664	63,380	30,430	32,950	16.48
08/23/94	GB665	65,250	34,200	31,050	15.53
08/23/94	GB666	61,660	35,170	26,490	13.25
08/23/94	GB667	68,340	32,150	36,190	18.10
08/23/94	GB668	41,300	24,150	17,150	8.58
08/23/94	GB669	46,000	25,380	20,620	10.31
08/23/94	GB670	63,870	30,430	33,440	16.72
08/23/94	GB671	62,580	34,200	28,380	14.19
08/23/94	GB672	69,070	35,170	33,900	16.95
08/23/94	GB673	69,160	32,150	37,010	18.51
08/23/94	GB674	46,490	24,150	22,340	11.17
08/24/94	GB675	38,680	25,730	12,950	6.48
08/24/94	GB676	42,170	23,830	18,340	9.17
08/24/94	GB677	66,010	30,430	35,580	17.79
08/24/94	GB678	66,230	34,260	31,970	15.99
08/24/94	GB679	67,180	35,170	32,010	16.01
08/24/94	GB680	68,060	32,210	35,850	17.93
08/24/94	GB681	44,080	25,730	18,350	9.18
08/24/94	GB682	41,900	23,830	18,070	9.04
08/24/94	GB683	68,410	30,430	37,980	18.99
08/24/94	GB684	68,810	34,260	34,550	17.28
08/24/94	GB685	68,430	35,170	33,260	16.63
08/24/94	GB686	68,410	32,210	36,200	18.10
08/24/94	GB687	40,970	25,730	15,240	7.62

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
08/24/94	GB688	41,230	23,830	17,400	8.70
08/24/94	GB689	64,670	30,430	34,240	17.12
08/24/94	GB690	67,640	34,260	33,380	16.69
08/24/94	GB691	70,010	35,170	34,840	17.42
08/24/94	GB692	69,670	32,210	37,460	18.73
08/24/94	GB693	42,870	25,730	17,140	8.57
08/25/94	GB694	64,440	30,430	34,010	17.01
08/25/94	GB695	46,300	25,390	20,910	10.46
08/25/94	GB696	65,070	33,940	31,130	15.57
08/25/94	GB697	47,180	24,550	22,630	11.32
08/25/94	GB698	70,250	35,190	35,060	17.53
08/25/94	GB699	69,320	31,050	38,270	19.14
08/25/94	GB700	45,340	25,390	19,950	9.98
08/25/94	GB701	66,570	30,430	36,140	18.07
08/25/94	GB702	69,700	33,940	35,760	17.88
08/25/94	GB703	68,000	35,190	32,810	16.41
08/25/94	GB704	64,070	31,050	33,020	16.51
08/25/94	GB705	44,520	24,550	19,970	9.99
08/25/94	GB706	63,590	30,430	33,160	16.58
08/25/94	GB707	65,940	33,940	32,000	16.00
08/25/94	GB708	43,290	25,390	17,900	8.95
08/25/94	GB709	67,700	35,190	32,510	
08/25/94	GB710	42,500	24,550	17,950	8.98
08/25/94	GB711	68,910	31,050	37,860	
08/25/94	GB712	43,990	25,390	18,600	9.30
08/25/94	GB713	65,810	30,430	35,380	
08/25/94	GB714	66,850	33,940	32,910	
08/25/94	GB715	39,800	24,550	15,250	
08/25/94	GB716	68,080	31,050	37,030	
08/25/94	GB717	63,620	35,190	28,430	
08/26/94	GB718	44,300	25,460	18,840	
08/26/94	GB719	56,600	30,460	26,140	
08/26/94	GB720	58,140	34,190	23,950	
08/26/94	GB721	39,320	24,320	<del>-</del>	
08/26/94	GB722	47,730		·	
08/26/94	GB723	64,700		•	
08/26/94	GB724	73,770			
08/26/94	GB725	73,250		•	
08/26/94	GB726	70,620			
08/31/94	GB727	70,220			
08/31/94	GB728	67,900	47,700	20,200	
09/01/94	GB729	65,500	32,240	33,260	16.63

GRAYBACK,WB1 09/72/95

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
09/01/94	GB730	64,160	35,240	28,920	14.46
09/01/94	GB731	45,920	25,660	20,260	10.13
09/01/94	GB732	60,680	30,400	30,280	15.14
09/01/94	GB733	46,680	24,460	22,220	11.11
09/01/94	GB734	70,840	33,440	37,400	18.70
09/01/94	GB735	47,220	25,660	21,560	10.78
09/01/94	GB736	45,680	24,460	21,220	10.61
09/01/94	GB737	72,960	32,240	40,720	20.36
09/01/94	GB738	74,280	35,240	39,040	19.52
09/01/94	GB739	61,820	30,400	31,420	15.71
09/01/94	GB740	43,720	25,660	18,060	9.03
09/01/94	GB741	65,200	32,800	32,400	16.20
09/01/94	GB742	44,560	24,460	20,100	10.05
09/01/94	GB743	70,800	32,240	38,560	19.28
09/01/94	GB744	62,620	35,240	27,380	13.69
09/01/94	GB745	67,480	30,400	37,080	18.54
09/01/94	GB746	45,720	25,660	20,060	10.03
09/01/94	GB747	71,120	32,800	38,320	19.16
09/01/94	GB748	47,240	24,460	22,780	11.39
09/01/94	GB749	73,660	32,240	41,420	20.71
09/01/94	GB750	68,800	35,240	33,560	16.78
09/01/94	GB751	68,800	30,400	38,400	19.20
09/01/94	GB752	67,020	45,480	21,540	10.77
09/02/94	GB753	66,240	49,260	16,980	8.49
09/06/94	GB754	57,800	45,520	12,280	6.14
09/06/94	GB755	55,080	46,460	8,620	4.31
09/06/94	GB756	61,380	51,180	10,200	5.10
09/07/94	GB757	44,240	24,120	20,120	10.06
09/07/94	GB758	46,880	25,300	21,580	10.79
09/07/94	GB759	63,180	32,260	30,920	15.46
09/07/94	GB760	75,060	35,860	39,200	19.60
09/07/94	GB761	59,820	34,280	25,540	12.77
09/07/94	GB762	64,140	30,440	33,700	16.85
09/07/94	GB763	45,980	24,120	21,860	10.93
09/07/94	GB764	47,040	25,300	21,740	10.87
09/07/94	GB765	68,240	32,260	35,980	17.99
09/07/94	GB766	69,340	35,860	33,480	16.74
09/07/94	GB767	61,340	34,280	27,060	13.53
09/07/94	GB768	70,800	30,440	40,360	20.18
09/07/94	GB769	46,780	25,300	21,480	10.74
09/07/94	GB770	44,260	24,120	20,140	10.07
09/07/94	GB771	68,880	35,860	33,020	16.51
09/07/94	GB772	72,560	34,280	38,280	19.14

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
09/07/94	GB773	65,240	30,440	34,800	17.40
09/07/94	GB774	67,880	32,260	35,620	17.81
09/07/94	GB775	45,220	24,120	21,100	10.55
09/07/94	GB776	44,440	25,300	19,140	9.57
09/07/94	GB777	72,020	34,280	37,740	18.87
09/07/94	GB778	64,620	30,440	34,180	17.09
09/07/94	GB779	66,920	35,860	31,060	15.53
09/07/94	GB780	75,560	32,260	43,300	21.65
09/08/94	GB781	42,800	25,240	17,560	8.78
09/08/94	GB782	62,040	32,240	29,800	14.90
09/08/94	GB783	73,320	35,480	37,840	18.92
09/08/94	GB784	67,500	34,160	33,340	16.67
09/08/94	GB785	44,360	24,100	20,260	10.13
09/08/94	GB786	67,420	30,460	36,960	18.48
09/08/94	GB787	45,040	25,240	19,800	9.90
09/08/94	GB788	64,340	32,240	32,100	16.05
09/08/94	GB789	67,080	35,480	31,600	15.80
09/08/94	GB790	41,980	24,100	17,880	8.94
09/08/94	GB791	64,240	34,160	30,080	15.04
09/08/94	GB792	54,140	30,460	23,680	11.84
. 09/08/94	GB793	63,900	35,480	28,420	14.21
09/08/94	GB794	38,580	25,240	13,340	6.67
09/08/94	GB795	64,300	34,160	30,140	15.07
09/08/94	GB796	64,460	30,460	34,000	17.00
09/08/94	GB797	44,980	24,100	20,880	10.44
09/08/94	GB798	46,180	25,240	20,940	10.47
09/08/94	GB799	65,040	34,160	30,880	15.44
09/08/94	GB800	43,460	24,100	19,360	9.68
09/08/94	GB801	66,200	35,480	30,720	15.36
09/08/94	GB802	63,100	30,460	32,640	16.32
09/08/94	GB803	44,400	25,240	19,160	9.58
09/08/94	GB804	68,080	34,160	33,920	16.96
09/08/94	GB805	67,960	35,480	32,480	16.24
09/08/94	GB806	41,840	24,100	17,740	8.87
09/08/94	GB807	57,460	45,180	12,280	6.14
09/09/94	GB808	41,160	25,620	15,540	7.77
09/09/94	GB809	69,900	33,620	36,280	18.14
09/09/94	GB810	40,080	24,540	15,540	7.77
09/09/94	GB811	71,040	35,400	35,640	17.82
09/09/94	GB812	75,720	31,080	44,640	22.32
09/09/94	GB813	67,460	30,420	37,040	18.52
09/09/94	GB814	44,460	25,260	19,200	9.60
09/09/94	GB815	42,240	21,440	20,800	10.40

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DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
09/09/94	GB816	46,040	25,360	20,680	10.34
09/09/94	GB817	45,960	25,620	20,340	10.17
09/09/94	GB818	43,720	24,540	19,180	9.59
09/09/94	GB819	71,020	33,620	37,400	18.70
09/09/94	GB820	68,200	31,080	37,120	18.56
09/09/94	GB821	71,340	35,400	35,940	17.97
09/09/94	GB822	67,200	30,420	36,780	18.39
09/09/94	GB823	61,920	48,640	13,280	6.64
09/09/94	GB824	44,820	25,260	19,560	9.78
09/09/94	GB825	46,780	25,360	21,420	10.71
09/09/94	GB826	44,840	25,620	19,220	9.61
09/09/94	GB827	47,700	24,540	23,160	11.58
09/09/94	GB828	67,280	30,420	36,860	18.43
09/09/94	GB829	71,920	31,080	40,840	20.42
09/09/94	GB830	70,480	35,400	35,080	17.54
09/09/94	GB831	61,500	33,620	27,880	13.94
09/09/94	GB832	45,880	25,620	20,260	10.13
09/09/94	GB833	62,500	30,420	32,080	16.04
09/09/94	GB834	42,680	24,540	18,140	9.07
09/09/94	GB835	69,920	31,080	38,840	19.42
09/09/94	GB836	73,940	35,400	38,540	19.27
09/09/94	GB837	48,600	25,620	22,980	11.49
09/09/94	GB838	47,100	24,540	22,560	11.28
09/09/94	GB839	73,080	30,460	42,620	21.31
09/10/94	GB840	45,860	25,300	20,560	10.28
09/10/94	GB841	43,340	24,200	19,140	9.57
09/10/94	GB842	47,020	25,320	21,700	10.85
09/10/94	GB843	46,900	25,220	21,680	10.84
09/10/94	GB844	46,660	22,900	23,760	11.88
09/10/94	GB845	67,520	34,080	33,440	16.72
09/10/94	GB846	72,120	35,420	36,700	18.35
09/10/94	GB847	72,760	31,360	41,400	20.70
09/10/94	GB848	70,540	30,400	40,140	20.07
09/10/94	GB849	49,460	25,300	24,160	12.08
09/10/94	GB850	47,780	24,200	23,580	11.79
09/10/94	GB851	72,380	34,080	38,300	19.15
09/10/94	GB852	47,960	25,320	22,640	11.32
09/10/94	GB853	51,520	22,900	28,620	14.31
09/10/94	GB854	64,040	30,400	33,640	16.82
09/10/94	GB855	70,740	35,420	35,320	17.66
09/10/94	GB856	72,740	31,360	41,380	20.69
09/10/94	GB857	72,520	34,080	38,440	19.22
09/10/94	GB858	53,240	46,360	6,880	3.44

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
09/10/94	GB859	43,980	24,200	19,780	9.89
09/10/94	GB860	46,280	25,300	20,980	10.49
09/10/94	GB861	46,240	25,220	21,020	10.51
09/10/94	GB862	41,260	25,320	15,940	7.97
09/10/94	GB863	66,420	35,420	31,000	15.50
09/10/94	GB864	44,620	25,300	19,320	9.66
09/10/94	GB865	48,180	22,900	25,280	12.64
09/10/94	GB866	68,060	51,140	16,920	8.46
09/10/94	GB867	66,340	30,400	35,940	17.97
09/10/94	GB868	44,540	25,220	19,320	9.66
09/10/94	GB869	71,300	34,080	37,220	18.61
09/10/94	GB870	43,060	24,200	18,860	9.43
09/10/94	GB871	68,320	31,360	36,960	18.48
09/10/94	GB872	48,060	25,320	22,740	11.37
09/10/94	GB873	73,000	35,420	37,580	18.79
09/10/94	GB874	48,320	25,300	23,020	11.51
09/10/94	GB875	71,140	34,080	37,060	18.53
09/10/94	GB876	50,360	22,900	27,460	13.73
09/10/94	GB877	44,260	24,200	20,060	10.03
09/10/94	GB878	64,960	30,400	34,560	17.28
09/10/94	GB879	48,120	25,220	22,900	11.45
09/10/94	GB880	49,820	31,360	18,460	9.23
09/12/94	GB881	43,200	24,560	18,640	9.32
09/12/94	GB882	46,020	25,720	20,300	10.15
09/12/94	GB883	75,440	31,340	44,100	22.05
09/12/94	GB884	48,240	25,400	22,840	11.42
09/12/94	GB885	51,360	25,120	26,240	13.12
09/12/94	GB886	66,700	35,360	31,340	15.67
09/12/94	GB887	66,560	34,040	32,520	16.26
09/12/94	GB888	70,600	30,420	40,180	20.09
09/12/94	GB889	44,360	22,540	21,820	10.91
09/12/94	GB890	42,100	23,140	18,960	9.48
09/12/94	GB891	42,300	24,560	17,740	8.87
09/12/94	GB892	67,540	31,340	36,200	18.10
09/12/94	GB893	43,240	25,400	17,840	8.92
09/12/94	GB894	64,300	34,040	30,260	15.13
09/12/94	GB895	67,740	35,360	32,380	
09/12/94	GB896	40,320	25,120	15,200	
09/12/94	GB897	41,340	22,540	18,800	
09/12/94	GB898	42,880	25,720	17,160	
09/12/94	GB899	65,960	30,420	35,540	
09/12/94	GB900	65,180	31,340	33,840	
09/12/94	GB901	40,400	24,560	15,840	7.92

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
09/12/94	GB902	43,740	25,400	18,340	9.17
09/12/94	GB903	66,900	34,040	32,860	16.43
09/12/94	GB904	69,260	35,360	33,900	16.95
09/12/94	GB905	41,820	25,720	16,100	8.05
09/12/94	GB906	65,840	30,420	35,420	17.71
09/12/94	GB907	69,320	31,340	37,980	18.99
09/12/94	GB908	42,200	24,560	17,640	8.82
09/12/94	GB909	44,860	25,400	19,460	9.73
09/12/94	GB910	68,940	35,360	33,580	16.79
09/12/94	GB911	45,560	25,720	19,840	9.92
09/12/94	GB912	68,760	30,420	38,340	19.17
09/12/94	GB913	37,120	24,560	12,560	6.28
09/13/94	GB914	46,060	25,320	20,740	10.37
09/13/94	GB915	69,260	34,020	35,240	17.62
09/13/94	GB916	44,940	24,100	20,840	10.42
09/13/94	GB917	67,440	30,420	37,020	18.51
09/13/94	GB918	46,080	24,860	21,220	10.61
09/13/94	GB919	69,600	31,200	38,400	19.20
09/13/94	GB920	71,560	35,340	36,220	18.11
09/13/94	GB921	44,560	26,760	17,800	8.90
09/13/94	GB922	45,060	25,320	19,740	9.87
09/13/94	GB923	67,200	34,020	33,180	16.59
09/13/94	GB924	67,820	30,420	37,400	18.70
09/13/94	GB925	42,960	24,100	18,860	9.43
09/13/94	GB926	74,520	31,200	43,320	21.66
09/13/94	GB927	45,580	24,860	20,720	10.36
09/13/94	GB928	41,900	25,320	16,580	8.29
09/13/94	GB929	65,460	34,020	31,440	15.72
09/13/94	GB930	65,180	30,420	34,760	17.38
09/13/94	GB931	49,460	24,100	25,360	12.68
09/13/94	GB932	69,700	31,200	38,500	19.25
09/13/94	GB933	49,040	26,760	22,280	11.14
09/13/94	GB934	45,520	24,860	20,660	10.33
09/13/94	GB935	67,860	34,020	33,840	16.92
09/13/94	GB936	47,620	25,220	22,400	11.20
09/13/94	GB937	65,320	30,420	34,900	17.45
09/13/94	GB938	45,160	24,100	21,060	10.53
09/13/94	GB939	69,220	31,200	38,020	19.01
09/13/94	GB940	48,120	26,760	21,360	10.68
09/13/94	GB941	44,160	24,860	19,300	9.65
09/13/94	GB942	44,580	24,100	20,480	10.24
09/13/94	GB943	65,060	34,020	31,040	
09/13/94	GB944	64,220	30,420	33,800	16.90

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
09/13/94	GB945	46,540	24,860	21,680	10.84
09/13/94	GB946	46,320	25,220	21,100	10.55
09/13/94	GB947	46,600	26,760	19,840	9.92
09/13/94	GB948	68,920	31,200	37,720	18.86
09/13/94	GB949	44,760	25,320	19,440	9.72
09/13/94	GB950	69,720	34,020	35,700	17.85
09/13/94	GB951	69,240	30,420	38,820	19.41
09/14/94	GB952	44,860	25,300	19,560	9.78
09/14/94	GB953	47,300	24,540	22,760	11.38
09/14/94	GB954	68,140	34,100	34,040	17.02
09/14/94	GB955	69,120	35,120	34,000	17.00
09/14/94	GB956	46,320	26,260	20,060	10.03
09/14/94	GB957	70,660	31,100	39,560	19.78
09/14/94	GB958	47,340	25,000	22,340	11.17
09/14/94	GB959	65,540	30,420	35,120	17.56
09/14/94	GB960	45,480	25,320	20,160	10.08
09/14/94	GB961	42,240	25,300	16,940	8.47
09/14/94	GB962	42,580	24,540	18,040	9.02
09/14/94	GB963	70,620	34,100	36,520	18.26
09/14/94	GB964	45,040	26,260	18,780	9.39
09/14/94	GB965	68,260	35,120	33,140	16.57
09/14/94	GB966	44,060	25,000	19,060	9.53
09/14/94	GB967	68,680	31,100	37,580	18.79
09/14/94	GB968	69,260	30,420	38,840	19.42
09/14/94	GB969	48,560	25,320	23,240	11.62
09/14/94	GB970	45,420	24,540	20,880	10.44
09/14/94	GB971	46,240	25,300	20,940	10.47
09/14/94	GB972	47,480	26,260	21,220	10.61
09/14/94	GB973	68,460	34,100	34,360	17.18
09/14/94	GB974	44,500	25,000	19,500	9.75
09/14/94	GB975	72,180	35,120	37,060	18.53
09/14/94	GB976	47,560	24,620	22,940	11.47
09/14/94	GB977	73,660	31,100	42,560	21.28
09/14/94	GB978	48,520	25,460	23,060	11.53
09/14/94	GB979	66,380	30,420	35,960	17.98
09/14/94	GB980	44,800	24,540	20,260	
09/14/94	GB981	47,840	25,320	22,520	
09/14/94	GB982	43,300	25,300	18,000	
09/14/94	GB983	48,000	26,260	21,740	
09/14/94	GB984	69,160	34,100	35,060	
09/14/94	GB985	64,260	35,120	29,140	
09/14/94	GB986	43,480	24,620	18,860	
09/14/94	GB987	39,800	25,000	14,800	7.40

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
09/14/94	GB988	44,420	24,540	19,880	9.94
09/14/94	GB989	41,740	25,320	16,420	8.21
09/14/94	GB990	46,260	25,460	20,800	10.40
09/14/94	GB991	45,520	25,300	20,220	10.11
09/14/94	GB992	69,200	31,100	38,100	19.05
09/14/94	GB993	44,000	26,260	17,740	8.87
09/14/94	GB994	47,840	24,620	23,220	11.61
09/14/94	GB995	70,120	34,100	36,020	18.01
09/14/94	GB996	47,040	25,000	22,040	11.02
09/14/94	GB997	45,280	24,540	20,740	10.37
09/14/94	GB998	64,340	35,120	29,220	14.61
09/14/94	GB999	50,340	25,320	25,020	12.51
09/15/94	G1000	45,480	25,280	20,200	10.10
09/15/94	G1001	46,040	24,960	21,080	10.54
09/15/94	G1002	45,120	25,420	19,700	9.85
09/15/94	G1003	69,280	34,160	35,120	17.56
09/15/94	G1004	47,280	26,360	20,920	10.46
09/15/94	G1005	41,680	25,260	16,420	8.21
09/15/94	G1006	40,520	24,040	16,480	8.24
09/15/94	G1007	66,460	35,360	31,100	15.55
09/15/94	G1008	43,260	23,040	20,220	10.11
09/15/94	G1009	72,100	32,940	39,160	19.58
09/15/94	G1010	64,560	30,460	34,100	17.05
09/15/94	G1011	47,360	25,280	22,080	11.04
09/15/94	G1012	45,740	24,460	21,280	10.64
09/15/94	G1013	70,080	34,160	35,920	17.96
09/15/94	G1014	46,120	25,420	20,700	10.35
09/15/94	G1015	41,100	24,040	17,060	8.53
09/15/94	G1016	46,720	26,360	20,360	10.18
09/15/94	G1017	45,080	25,260	19,820	9.91
09/15/94	G1018	44,340	23,040	21,300	10.65
09/15/94	G1019	70,380	32,940	37,440	18.72
09/15/94	G1020	65,280	35,360	29,920	14.96
09/15/94	G1021	63,620	30,460	33,160	16.58
09/15/94	G1022	44,720	24,760	19,960	9.98
- 09/15/94	G1023.	39,500	24,040	15,460	7.73
09/15/94	G1024	40,380	24,960	15,420	7.71
09/15/94	G1025	46,820	25,280	21,540	10.77
09/15/94	G1026	66,240	34,160	32,080	16.04
09/15/94	G1027	48,580	25,420	23,160	11.58
09/15/94	G1028	44,680	25,260	19,420	9.71
09/15/94	G1029	50,040	26,360	23,680	
09/15/94	G1030	66,460	35,360	31,100	15.55

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DATE	MANIFEST	GROSS	TARE	NET	NET
<b>SHIPPED</b>	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
09/15/94	G1031	62,380	30,460	31,920	15.96
09/15/94	G1032	<b>43,560</b>	24,040	19,520	9.76
09/15/94	G1033	69,900	32,940	36,960	18.48
09/15/94	G1034	47,380	24,960	22,420	11.21
09/15/94	G1035	42,780	25,260	17,520	8.76
09/15/94	G1036	46,260	25,280	20,980	10.49
09/15/94	G1037	46,260	26,360	19,900	9.95
09/15/94	G1038	62,560	34,160	28,400	14.20
09/15/94	G1039	44,700	24,760	19,940	9.97
09/15/94	G1040	44,040	25,420	18,620	9.31
09/15/94	G1041	66,460	35,360	31,100	15.55
09/15/94	G1042	46,080	24,040	22,040	11.02
09/15/94	G1043	67,800	30,460	37,340	18.67
09/15/94	G1044	45,760	25,260	20,500	10.25
09/15/94	G1045	66,560	32,940	33,620	16.81
09/15/94	G1046	41,420	24,960	16,460	8.23
09/15/94	G1047	46,920	25,280	21,640	10.82
09/15/94	G1048	64,560	34,160	30,400	15.20
09/15/94	G1049	47,060	24,760	22,300	11.15
09/15/94	G1050	38,540	26,360	12,180	6.09
09/16/94	G1051	45,840	24,620	21,220	10.61
09/16/94	G1052	44,940	25,800	19,140	9.57
09/16/94	G1053	64,240	33,660	30,580	15.29
09/16/94	G1054	39,800	22,840	16,960	8.48
09/16/94	G1055	45,020	24,960	20,060	10.03
09/16/94	G1056	67,000	35,680	31,320	15.66
09/16/94	G1057	44,500	25,440	19,060	9.53
09/16/94	G1058	47,640	26,260	21,380	10.69
09/16/94	G1059	46,760	25,220	21,540	10.77
09/16/94	G1060	67,020	32,920	34,100	17.05
09/16/94	G1061	64,700	30,400	34,300	17.15
09/16/94	G1062	49,420	24,820	24,600	12.30
09/16/94	G1063	46,440	24,620	21,820	10.91
09/16/94	G1064	48,100	25,800	22,300	11.15
09/16/94	G1065	65,380	33,660	31,720	15.86
09/16/94	G1066	41,920	22,840	19,080	9.54
<b>09/16/94</b> .	G1067	66,300	35,680	30,620	15.31
09/16/94	G1068	48,040	24,960	23,080	11.54
09/16/94	G1069	49,320	24,820	, 24,500	12.25
09/16/94	G1070	60,660	30,400	30,260	15.13
09/16/94	G1071	48,400	26,260	22,140	11.07
09/16/94	G1072	46,020	25,440	20,580	10.29
09/16/94	G1073	69,540	32,920	36,620	18.31

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
09/16/94	G1074	44,240	25,220	19,020	9.51
09/16/94	G1075	42,980	24,620	18,360	9.18
09/16/94	G1076	46,700	25,800	20,900	10.45
09/16/94	G1077	63,520	33,660	29,860	14.93
09/16/94	G1078	42,840	22,840	20,000	10.00
09/16/94	G1079	68,000	35,680	32,320	16.16
09/16/94	G1080	43,440	24,960	18,480	9.24
09/16/94	G1081	44,820	24,820	20,000	10.00
09/16/94	G1082	60,240	30,400	29,840	14.92
09/16/94	G1083	51,860	26,260	25,600	12.80
09/16/94	G1084	65,900	32,920	32,980	16.49
09/16/94	G1085	44,380	24,620	19,760	9.88
09/16/94	G1086	46,280	25,800	20,480	10.24
09/16/94	G1087	43,660	25,220	18,440	9.22
09/16/94	G1088	65,580	33,660	31,920	15.96
09/16/94	G1089	66,880	35,680	31,200	15.60
09/16/94	G1090	41,860	22,840	19,020	9.51
09/16/94	G1091	45,500	24,820	20,680	10.34
09/16/94	G1092	44,540	25,440	19,100	9.55
09/16/94	G1093	66,740	30,400	36,340	18.17
09/16/94	G1094	41,120	24,960	16,160	8.08
09/16/94	G1095	40,240	26,260	13,980	6.99
09/16/94	G1096	68,300	32,920	35,380	17.69
09/16/94	G1097	46,100	24,620	21,480	10.74
09/16/94	G1098	68,920	33,660	35,260	17.63
09/16/94	G1099	45,440	25,800	19,640	9.82
09/16/94	G1100	39,880	22,840	17,040	8.52
09/16/94	G1101	72,500	35,680	36,820	18.41
09/17/94	G1102	46,300	25,200	21,100	10.55
09/17/94	G1103	44,580	24,140	20,440	10.22
09/17/94	G1104	48,620	25,360	23,260	11.63
09/17/94	G1105	42,500	24,940	17,560	8.78
09/17/94	G1106	66,540	34,260	32,280	16.14
09/17/94	G1107	49,080	26,260	22,820	11.41
09/17/94	G1108	64,260	35,380	28,880	14.44
09/17/94	G1109	63,120	30,460	32,660	16.33
09/17/94 .	G1110	45,000	22,760	22,240	11.12
09/17/94	G1111	46,360	24,780	21,580	10.79
09/17/94	G1112	45,980	25,440	20,540	10.27
09/17/94	G1113	66,960	32,880	34,080	17.04
09/17/94	G1114	44,760	24,140	20,620	10.31
09/17/94	G1115	45,840	24,940	20,900	10.45
09/17/94	G1116	45,060	25,200	19,860	9.93

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
09/17/94	G1117	46,940	26,260	20,680	10.34
09/17/94	G1118	64,600	34,260	30,340	15.17
09/17/94	G1119	46,660	25,360	21,300	10.65
09/17/94	G1120	45,560	22,760	22,800	11.40
09/17/94	G1121	67,380	35,380	32,000	16.00
09/17/94	G1122	45,340	24,780	20,560	10.28
09/17/94	G1123	46,300	25,440	20,860	10.43
09/17/94	G1124	65,660	30,460	35,200	17.60
09/17/94	G1125	67,900	32,880	35,020	17.51
09/17/94	G1126	48,140	26,260	21,880	10.94
09/17/94	G1127	45,240	24,140	21,100	10.55
09/17/94	G1128	46,680	25,360	21,320	10.66
09/17/94	G1129	67,500	34,260	33,240	16.62
09/17/94	G1130	43,900	22,760	21,140	10.57
09/17/94	G1131	41,780	24,780	17,000	8.50
09/17/94	G1132	64,360	35,380	28,980	14.49
09/17/94	G1133	47,340	25,440	21,900	10.95
09/17/94	G1134	62,400	32,880	29,520	14.76
09/17/94	G1135	68,260	30,460	37,800	18.90
09/17/94	G1136	42,860	25,360	17,500	8.75
09/17/94	G1137	42,380	24,140	18,240	9.12
09/17/94	G1138	46,900	26,260	20,640	10.32
09/17/94	G1139	46,480	24,940	21,540	10.77
09/17/94	G1140	45,960	25,200	20,760	10.38
09/17/94	G1141	42,780	24,780	18,000	9.00
09/17/94	G1142	41,340	22,760	18,580	9.29
09/17/94	G1143	66,100	34,260	31,840	15.92
09/17/94	G1144	46,480	25,440	21,040	10.52
09/17/94	G1145	68,120	35,380	32,740	16.37
09/17/94	G1146	68,780	32,880	35,900	17.95
09/17/94	G1147	66,500	30,460	36,040	18.02
09/17/94	G1148	41,480	24,140	17,340	8.67
09/17/94	G1149	43,540	25,360	18,180	9.09
09/17/94	G1150	44,860	24,940	19,920	9.96
09/17/94	G1151	48,780	26,260	22,520	11.26
09/17/94	G1152	41,920	22,760	19,160	9.58
09/17/94 .	G1153	49,180	25,200	23,980	11.99
09/17/94	G1154	49,340	24,780	24,560	12.28
09/17/94	G1155	47,820	25,440	22,380	11.19
09/17/94	G1156	68,820	34,260	34,560	17.28
09/17/94	G1157	62,020	35,380	26,640	13.32
09/17/94	G1158	52,500	32,880	19,620	9.81
09/19/94	G1159	41,840	24,560	17,280	8.64

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ib)	WEIGHT(ton)
09/19/94	G1160	44,280	25,740	18,540	9.27
09/19/94	G1161	39,660	22,800	16,860	8.43
09/19/94	G1162	45,400	24,920	20,480	10.24
09/19/94	G1163	61,760	34,160	27,600	13.80
09/19/94	G1164	47,220	25,440	21,780	10.89
09/19/94	G1165	59,980	35,360	24,620	12.31
09/19/94	G1166	49,280	26,320	22,960	11.48
09/19/94	G1167	59,140	30,360	28,780	14.39
09/19/94	G1168	41,580	25,500	16,080	8.04
09/19/94	G1169	63,660	33,040	30,620	15.31
09/19/94	G1170	46,000	24,840	21,160	10.58
09/19/94	G1171	46,580	25,740	20,840	10.42
09/19/94	G1172	43,140	24,560	18,580	9.29
09/19/94	G1173	44,640	22,800	21,840	10.92
09/19/94	G1174	43,860	24,920	18,940	9.47
09/19/94	G1175	66,800	34,160	32,640	16.32
09/19/94	G1176	62,060	35,360	26,700	13.35
09/19/94	G1177	45,920	25,500	20,420	10.21
09/19/94	G1178	66,120	30,360	35,760	17.88
09/19/94	G1179	48,000	26,320	21,680	10.84
09/19/94	G1180	42,460	25,440	17,020	8.51
09/19/94	G1181	69,840	33,040	36,800	18.40
09/19/94	G1182	44,120	24,840	19,280	9.64
09/19/94	G1183	44,560	24,560	20,000	10.00
09/19/94	G1184	47,860	25,740	22,120	11.06
09/19/94	G1185	44,480	22,800	21,680	10.84
09/19/94	G1186	68,340	34,160	34,180	17.09
09/19/94	G1187	47,620	24,920	22,700	11.35
09/19/94	G1188	70,880	35,360	35,520	17.76
09/19/94	G1189	47,140	26,320	20,820	10.41
09/19/94	G1190	43,900	25,500	18,400	9.20
09/19/94	G1191	45,200	25,440	19,760	9.88
09/19/94	G1192	66,640	30,360	36,280	18.14
09/19/94	G1193	48,780	25,740	23,040	11.52
09/19/94	G1194	68,220	33,040	35,180	17.59
09/19/94	G1195	45,580	22,800	. 22,780	11.39
09/19/94	G1196	69,080	34,160	34,920	17.46
09/19/94	G1197	45,560	24,920	20,640	10.32
09/19/94	G1198	42,020	24,840	17,180	8.59
09/19/94	G1199	45,360	24,560	20,800	10.40
09/19/94	G1200	51,720	26,320	25,400	12.70
09/19/94	G1201	65,180	35,360	29,820	14.91
09/19/94	G1202	44,780	25,500	19,280	9.64

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
09/19/94	G1203	46,040	25,440	20,600	10.30
09/19/94	G1204	41,500	25,740	15,760	7.88
09/19/94	G1205	67,920	33,040	34,880	17.44
09/19/94	G1206	45,440	22,800	22,640	11.32
09/19/94	G1207	43,800	24,920	18,880	9.44
09/19/94	G1208	66,160	34,160	32,000	16.00
09/19/94	G1209	41,100	24,840	16,260	8.13
09/19/94	G1210	39,820	24,560	15,260	7.63
09/20/94	G1211	48,180	25,340	22,840	11.42
09/20/94	G1212	47,900	25,500	22,400	11.20
09/20/94	G1213	46,580	24,900	21,680	10.84
09/20/94	G1214	47,240	24,120	23,120	11.56
09/20/94	G1215	42,460	25,420	17,040	8.52
09/20/94	G1216	70,740	34,300	36,440	18.22
09/20/94	G1217	42,480	23,060	19,420	9.71
09/20/94	G1218	64,100	30,380	33,720	16.86
09/20/94	G1219	45,180	24,880	20,300	10.15
09/20/94	G1220	43,940	24,840	19,100	9.55
09/20/94	G1221	44,760	26,360	18,400	9.20
09/20/94	G1222	68,560	33,020	35,540	17.77
09/20/94	G1223	45,700	25,340	20,360	10.18
09/20/94	G1224	44,080	25,500	18,580	9.29
09/20/94	G1225	43,600	24,900	18,700	9.35
09/20/94	G1226	45,940	25,420	20,520	10.26
09/20/94	G1227	41,700	24,120	17,580	8.79
09/20/94	G1228	70,700	35,380	35,320	17.66 ·
09/20/94	G1229	45,220	24,840	20,380	10.19
09/20/94	G1230	63,740	30,380	33,360	16.68
09/20/94	G1231	62,540	34,300	28,240	14.12
09/20/94	G1232	44,000	23,060	20,940	10.47
09/20/94	G1233	48,680	26,360	22,320	11.16
09/20/94	G1234	41,800	24,880	16,920	8.46
09/20/94	G1235	44,680	25,340	19,340	9.67
09/20/94	G1236	44,960	25,500	19,460	9.73
09/20/94	G1237	45,780	24,900	20,880	10.44
09/20/94	G1238	43,740	24,120	19,620	. 9.81
09/20/94	G1239	45,180	25,420	19,760	9.88
09/20/94	G1240	70,420	33,020	37,400	18.70
09/20/94	G1241	43,020	23,060	19,960	9.98
09/20/94	G1242	42,580	24,840	17,740	8.87
09/20/94	G1243	64,520	30,380	34,140	17.07
09/20/94	G1244	43,380	25,340	18,040	9.02
09/20/94	G1245	44,920	24,880	20,040	10.02

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
09/20/94	G1246	68,520	34,300	34,220	. 17.11
09/20/94	G1247	67,640	35,380	32,260	16.13
09/20/94	G1248	39,520	24,120	15,400	7.70
09/20/94	G1249	42,340	24,900	17,440	8.72
09/20/94	G1250	65,620	33,020	32,600	16.30
09/20/94	G1251	43,700	25,500	18,200	9.10
09/20/94	G1252	46,840	23,060	23,780	11.89
09/20/94	G1253	42,120	24,840	17,280	8.64
09/20/94	G1254	65,200	30,380	34,820	17.41
09/20/94	G1255	44,580	25,420	19,160	9.58
09/20/94	G1256	48,620	25,340	23,280	11.64
09/20/94	G1257	70,060	35,380	34,680	17.34
09/20/94	G1258	70,660	34,300	36,360	18.18
09/20/94	G1259	48,560	24,880	23,680	11.84
09/20/94	G1260	42,960	24,120	18,840	9.42
09/20/94	G1261	73,340	33,020	40,320	20.16
09/21/94	G1262	42,640	24,400	18,240	9.12
09/21/94	G1263	63,180	30,380	32,800	16.40
09/21/94	G1264	50,860	25,740	25,120	12.56
09/21/94	G1265	47,820	25,500	22,320	11.16
09/21/94	G1266	66,620	35,380	31,240	15.62
09/21/94	G1267	43,880	24,800	19,080	9.54
09/21/94	G1268	63,460	32,400	31,060	15.53
09/21/94	G1269	39,400	22,720	16,680	8.34
09/21/94	G1270	64,060	34,300	29,760	14.88
09/21/94	G1271	45,180	24,920	20,260	10.13
09/21/94	G1272	47,100	26,200	20,900	10.45
09/21/94	G1273	42,300	24,400	17,900	8.95
09/21/94	G1274	46,080	25,740	20,340	10.17
09/21/94	G1275	46,660	25,500	21,160	10.58
09/21/94	G1276	44,760	24,800	19,960	9.98
09/21/94	G1277	44,220	22,720	21,500	10.75
09/21/94	G1278	47,260	26,200	21,060	10.53
09/21/94	G1279	45,280	24,920	20,360	10.18
09/21/94	G1280	70,200	30,380	39,820	19.91
09/21/94	G1281	67,120	35,380	31,740	15.87
09/21/94	G1282	70,480	32,400	38,080	19.04
09/21/94	G1283	49,260	34,300	14,960	7.48
09/23/94	G1284	41,040	24,340	16,700	8.35
09/23/94	G1285	49,520	25,680	23,840	11.92
09/23/94	G1286	48,080	24,800	23,280	11.64
09/23/94	G1287	42,960	22,540	20,420	10.21
09/23/94	G1288	43,700	24,880	18,820	9.41

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
09/23/94	G1289	42,220	25,460	16,760	. 8.38
09/23/94	G1290	46,880	26,280	20,600	10.30
09/23/94	G1291	47,320	25,520	21,800	10.90
09/23/94	G1292	43,240	24,340	18,900	9.45
09/23/94	G1293	42,140	25,680	16,460	8.23
09/23/94	G1294	48,900	24,800	24,100	12.05
09/23/94	G1295	42,340	22,540	19,800	9.90
09/23/94	G1296	44,380	24,880	19,500	9.75
09/23/94	G1297	47,420	25,460	21,960	10.98
09/23/94	G1298	50,340	26,280	24,060	12.03
09/23/94	G1299	44,320	24,340	19,980	9.99
09/23/94	G1300	46,020	25,520	20,500	10.25
09/23/94	G1301	47,300	25,680	21,620	10.81
09/23/94	G1302	47,140	24,800	22,340	11.17
09/23/94	G1303	40,860	22,540	18,320	9.16
09/23/94	G1304	44,280	24,880	19,400	9.70
09/23/94	G1305	45,820	25,460	20,360	10.18
09/23/94	G1306	52,500	26,280	26,220	13.11
09/23/94	G1307	45,340	24,340	21,000	10.50
09/23/94	G1308	42,420	25,680	16,740	8.37
09/23/94	G1309	44,140	25,520	18,620	9.31
09/23/94	G1310	42,020	24,800	17,220	8.61
09/26/94	G1311	41,720	24,000	17,720	8.86
09/26/94	G1312	46,220	25,140	21,080	10.54
09/26/94	G1313	42,280	25,060	17,220	8.61
09/26/94	G1314	44,440	25,500	18,940	9.47
09/26/94	G1315	46,660	26,240	20,420	10.21
09/26/94	G1316	44,020	23,120	20,900	10.45
09/26/94	G1317	46,420	24,780	21,640	10.82
09/26/94	G1318	44,840	25,480	19,360	9.68
09/26/94	G1319	41,620	24,000	17,620	8.81
09/26/94	G1320	44,320	25,140	19,180	9.59
09/26/94	G1321	47,500	26,240	21,260	10.63
09/26/94	G1322	45,000	25,060	19,940	9.97
09/26/94	G1323	40,680	23,120	17,560	8.78
09/26/94	G1324	48,120	24,780	23,340	11.67
09/26/94	G1325	44,180	25,500	18,680	9.34
09/26/94	G1326	45,680	24,000	21,680	10.84
09/26/94	G1327	46,420	25,140	21,280	10.64
09/26/94	G1328	46,880	24,780	22,100	11.05
09/26/94	G1329	44,940	25,060	19,880	9.94
09/26/94	G1330	46,280	26,240	20,040	10.02
09/26/94	G1331	40,700	23,120	17,580	8.79

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
09/26/94	G1332	45,940	25,480	20,460	10.23
09/26/94	G1333	42,740	25,500	17,240	8.62
09/26/94	G1334	41,520	24,000	17,520	8.76
09/26/94	G1335	47,040	25,140	21,900	10.95
09/26/94	G1336	41,940	23,120	18,820	9.41
09/26/94	G1337	48,140	26,240	21,900	10.95
09/27/94	G1338	44,960	24,580	20,380	10.19
09/27/94	G1339	46,560	25,800	20,760	10.38
09/27/94	G1340	43,360	25,100	18,260	9.13
09/27/94	G1341	42,020	26,280	. 15,740	7.87
09/27/94	G1342	42,180	25,580	16,600	8.30
09/27/94	G1343	43,400	22,800	20,600	10.30
09/27/94	G1344	45,900	24,800	21,100	10.55
09/27/94	G1345	42,840	24,580	18,260	9.13
09/27/94	G1346	46,440	25,800	20,640	10.32
09/27/94	G1347	49,940	26,280	23,660	11.83
09/27/94	G1348	41,600	22,800	18,800	9.40
09/27/94	G1349	44,060	24,800	19,260	9.63
09/27/94	G1350	43,880	25,580	18,300	9.15
09/27/94	G1351	45,120	25,100	20,020	10.01
09/27/94	G1352	44,040	24,580	19,460	9.73
09/27/94	G1353	43,140	25,800	17,340	8.67
09/27/94	G1354	45,100	26,280	18,820	9.41
09/27/94	G1355	43,320	24,800	18,520	9.26
09/27/94	G1356	46,660	22,800	23,860	11.93
09/27/94	G1357	46,720	25,100	21,620	10.81
09/27/94	G1358	44,340	25,440	18,900	9.45
09/27/94	G1359	50,440	25,800	24,640	12.32
09/27/94	G1360	39,180	24,580	14,600	7.30
09/27/94	G1361	54,680	24,800	29,880	14.94
09/27/94	G1362	43,940	26,280	17,660	8.83
09/27/94	G1363	49,540	22,800	26,740	13.37
09/28/94	G1364	37,780	24,200	13,580	6.79
09/28/94	G1365	41,120	25,600	15,520	7.76
09/28/94	G1366	43,820	25,080	18,740	9.37
09/28/94	G1367	40,140	23,140	17,000	8.50
09/28/94	G1368	41,720	23,300	18,420	9.21
09/28/94	G1369	48,620	24,760	23,860	11.93
09/28/94	G1370	45,360	25,380	19,980	9.99
09/28/94	G1371	48,780	25,600	23,180	11.59
09/28/94	G1372	40,720	24,200	16,520	8.26
09/28/94	G1373	52,140	26,340	25,800	12.90
09/28/94	G1374	42,480	25,080	17,400	8.70

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
09/28/94	G1375	48,260	26,340	21,920	10.96
09/28/94	G1376	40,780	24,760	16,020	8.01
09/28/94	G1377	42,660	23,140	19,520	9.76
09/28/94	G1378	43,100	23,300	19,800	9.90
09/28/94	G1379	42,760	25,380	17,380	8.69
09/28/94	G1380	42,300	24,200	18,100	9.05
09/28/94	G1381	43,620	25,600	18,020	9.01
09/28/94	G1382	42,660	25,080	17,580	8.79
09/28/94	G1383	46,000	24,760	21,240	10.62
09/28/94	G1384	39,960	23,140	16,820	8.41
09/28/94	G1385	46,980	26,340	20,640	10.32
09/28/94	G1386	40,900	23,300	17,600	8.80
09/28/94	G1387	42,300	25,380	16,920	8.46
09/28/94	G1388	43,460	24,200	19,260	9.63
09/28/94	G1389	42,460	25,600	16,860	8.43
09/28/94	G1390	44,660	25,080	19,580	9.79
09/28/94	G1391	41,980	23,140	18,840	9.42
09/28/94	G1392	46,480	26,340	20,140	10.07
09/28/94	G1393	46,800	24,760	22,040	11.02
09/28/94	G1394	44,040	23,300	20,740	10.37
09/28/94	G1395	46,000	25,380	20,620	10.31
09/28/94	G1396	42,540	24,200	18,340	9.17
09/28/94	G1397	46,160	25,600	20,560	10.28
09/28/94	G1398	43,120	23,140	19,980	9.99
09/28/94	G1399	45,140	25,080	20,060	10.03
09/28/94	G1400	45,600	26,340	19,260	9.63
09/29/94	G1401	46,180	24,580	21,600	10.80
09/29/94	G1402	46,460	<b>25,840</b>	20,620	10.31
09/29/94	G1403	45,500	25,560	19,940	9.97
09/29/94	G1404	44,600	25,520	19,080	9.54
09/29/94	G1405	43,700	22,920	20,780	10.39
09/29/94	G1406	45,320	24,760	20,560	10.28
09/29/94	G1407	44,740	22,760	21,980	10.99
09/29/94	G1408	51,140	26,340	24,800	12.40
09/29/94	G1409	47,200	25,840	21,360	10.68
09/29/94	G1410	42,720	24,580	18,140	9.07
09/29/94	G1411	45,760	25,560	20,200	10.10
09/29/94	G1412	45,080	25,520	19,560	9.78
09/29/94	G1413	52,160	24,760	27,400	13.70
09/29/94	G1414	43,840	22,920	20,920	10.46
09/29/94	G1415	<b>42,600</b> .	•	19,840	9.92
09/29/94	G1416	45,940	26,340	19,600	9.80
09/29/94	G1417	42,980	24,580	18,400	9.20

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
09/29/94	G1418	47,680	25,840	21,840	10.92
09/29/94	G1419	43,440	24,760	18,680	9.34
09/29/94	G1420	43,580	25,520	18,060	9.03
09/29/94	G1421	43,620	22,760	20,860	10.43
09/29/94	G1422	46,320	22,920	23,400	11.70
09/29/94	G1423	46,040	26,340	19,700	9.85
09/29/94	G1424	44,600	25,560	19,040	9.52
09/29/94	G1425	44,780	24,760	20,020	10.01
09/29/94	G1426	42,020	25,840	16,180	8.09
09/29/94	G1427	42,740	24,580	18,160	9.08
09/29/94	G1428	44,780	25,520	19,260	9.63
09/29/94	G1429	42,680	22,760	19,920	9.96
09/29/94	G1430	44,480	22,920	21,560	10.78
09/29/94	G1431	47,620	26,340	21,280	10.64
09/29/94	G1432	44,220	25,560	18,660	9.33
09/29/94	G1433	43,480	24,580	18,900	9.45
09/29/94	G1434	43,440	24,760	18,680	9.34
09/29/94	G1435	44,100	25,840	18,260	9.13
10/05/94	G1436	42,000	23,180	18,820	9.41
10/05/94	G1437	43,760	25,440	18,320	9.16
10/05/94	G1438	44,340	25,400	18,940	9.47
10/05/94	G1439	41,720	24,980	16,740	8.37
10/05/94	G1440	43,700	25,360	18,340	9.17
10/05/94	G1441	43,440	26,340	17,100	8.55
10/05/94	G1442	40,960	23,000	17,960	8.98
10/05/94	G1443	47,940	24,720	23,220	11.61
10/05/94	G1444	69,140	30,440	38,700	19.35
10/05/94	G1445	68,020	34,900	33,120	16.56
10/05/94	G1446	67,240	32,980	34,260	17.13
10/05/94	G1447	71,060	32,300	38,760	19.38
10/05/94	G1448	42,140	23,180	18,960	9.48
10/05/94	G1449	45,240	25,400	19,840	9.92
10/05/94	G1450	44,100	25,440	18,660	9.33
10/05/94	G1451	46,900	26,340	20,560	10.28
10/05/94	G1452	41,960	23,000	18,960	9.48
10/05/94	G1453	42,520	25,360	•	8.58
10/05/94	G1454	43,000	24,980	18,020	9.01
10/05/94	G1455	47,160	24,720	22,440	11.22
10/05/94	G1456	66,200	30,440	35,760	17.88
10/05/94	G1457	69,860	34,900	34,960	17.48
10/05/94	G1458	68,960	32,980	35,980	17.99
10/05/94	G1459	69,940	32,300	37,640	18.82
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DATE	MANIFEST	GROSS	TARE	NET	NET
<b>SHIPPED</b>	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
10/05/94	G1460	43,080	23,180	19,900	9.95
10/05/94	G1461	44,920	25,400	19,520	9.76
10/05/94	G1462	47,820	26,340	21,480	10.74
10/05/94	G1463	48,080	25,440	22,640	11.32
10/05/94	G1464	43,980	23,000	20,980	10.49
10/05/94	G1465	43,020	24,720	18,300	9.15
10/05/94	G1466	43,260	25,360	17,900	8.95
10/05/94	G1467	48,900	24,980	23,920	11.96
10/05/94	G1468	48,120	25,400	22,720	11.36
10/05/94	G1469	45,480	23,180	22,300	11.15
10/05/94	G1470	46,760	26,340	20,420	10.21
10/05/94	G1471	69,800	34,900	34,900	17.45
10/05/94	G1472	44,280	24,720	19,560	9.78
10/05/94	G1473	46,420	25,440	20,980	10.49
10/06/94	G1474	66,620	30,440	36,180	18.09
10/06/94	G1475	66,980	32,980	34,000	17.00
10/06/94	G1476	42,760	24,020	18,740	9.37
10/06/94	G1477	45,740	25,440	20,300	10.15
10/06/94	G1478	44,260	25,440	18,820	9.41
10/06/94	G1479	44,180	25,320	18,860	9.43
10/06/94	G1480	43,780	25,040	18,740	9.37
10/06/94	G1481	43,320	22,840	20,480	10.24
10/06/94	G1482	39,140	22,800	16,340	8.17
10/06/94	G1483	47,840	24,780	23,060	11.53
10/06/94	G1484	48,820	26,300	22,520	11.26
10/06/94	G1485	45,980	25,440	20,540	10.27
10/06/94	G1486	43,300	24,020	19,280	9.64
10/06/94	G1487	43,560	25,320	18,240	9.12
10/06/94	G1488	63,740	35,080	28,660	14.33
10/06/94	G1489	45,700	25,440	20,260	10.13
10/06/94	G1490	63,040	32,340	30,700	15.35
10/06/94	G1491	48,260	22,800	25,460	12.73
10/06/94	G1492	43,260	25,040	18,220	9.11
10/06/94	G1493	46,400	22,840	23,560	11.78
10/06/94	G1494	47,760	24,780	22,980	11.49
10/06/94	G1495	61,280	32,800	28,480	14.24
10/06/94	G1496	63,640	30,180	33,460	16.73
10/06/94	G1497	46,900	26,300	20,600	10.30
10/06/94	G1498	41,960	24,020	17,940	8.97
10/06/94	G1499	41,700	25,440	16,260	8.13
10/06/94	G1500	46,240	25,320	20,920	10.46

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
10/06/94	G1501	63,160	35,080	28,080	14.04
10/06/94	G1502	61,700	32,340	29,360	14.68
10/06/94	G1503	45,720	25,440	20,280	10.14
10/06/94	G1504	45,520	22,800	22,720	11.36
10/06/94	G1505	45,860	25,040	20,820	10.41
10/06/94	G1506	46,400	24,780	21,620	10.81
10/06/94	G1507	62,200	30,180	32,020	16.01
10/06/94	G1508	50,420	26,300	24,120	12.06
10/06/94	G1509	41,940	24,020	17,920	8.96
10/06/94	G1510	44,300	22,840	21,460	10.73
10/06/94	G1511	44,780	25,440	19,340	9.67
10/06/94	G1512	64,540	32,800	31,740	15.87
10/06/94	G1513	43,240	25,320	17,920	8.96
10/06/94	G1514	66,920	35,080	31,840	15.92
10/06/94	G1515	63,980	32,340	31,640	15.82
10/06/94	G1516	44,840	25,040	19,800	9.90
10/06/94	G1517	44,640	22,800	21,840	10.92
10/06/94	G1518	53,500	24,780	28,720	14.36
10/06/94	G1519	46,320	25,440	20,880	10.44
10/07/94	G1520	44,780	26,000	18,780	9.39
10/07/94	G1521	41,860	24,560	17,300	8.65
10/07/94	G1522	43,340	25,300	18,040	9.02
10/07/94	G1523	70,920	35,140	35,780	17.89
10/07/94	G1524	44,140	25,000	19,140	9.57
10/07/94	G1525	45,600	25,420	20,180	10.09
10/07/94	G1526	46,360	26,300	20,060	10.03
10/07/94	G1527	66,260	33,060	33,200	16.60
10/07/94	G1528	68,000	30,480	37,520	18.76
10/07/94	G1529	42,260	22,460	19,800	9.90
10/07/94	G1530	41,240	23,060	18,180	9.09
10/07/94	G1531	48,180	24,700	23,480	11.74
10/07/94	G1532	72,540	32,320	40,220	20.11
10/07/94	G1533	47,460	26,000	21,460	10.73 8.93
10/07/94 10/07/94	G1534 G1535	42,420 70,580	24,560 35,140	17,860 35,440	17.72
10/07/94	G1536	45,260	25,000	20,260	10.13
10/07/94	G1537	46,420	25,300	20,200	10.13
10/07/94	G1538	43,300	25,420	17,880	8.94
10/07/94	G1539	65,380	30,480	34,900	17.45
10/07/94	G1539 G1540	45,040	22,460	22,580	11.29
10/07/94	G1541	49,840	23,060	26,780	13.39
10/07/94	G1542	50,340	26,300	24,040	12.02
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DATE	MANIFEST	GROSS	TARE.	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
10/07/94	G1543	44,820	24,700	20,120	10.06
10/07/94	G1544	67,680	33,060	34,620	17.31
10/07/94	G1545	67,420	32,320	35,100	17.55
10/07/94	G1546	45,660	24,560	21,100	10.55
10/07/94	G1547	46,940	26,000	20,940	10.47
10/07/94	G1548	68,920	35,140	33,780	16.89
10/07/94	G1549	44,640	25,300	19,340	9.67
10/07/94	G1550	44,140	25,000	19,140	9.57
10/07/94	G1551	45,780	22,460	23,320	11.66
10/07/94	G1552	42,980	25,420	17,560	8.78
10/07/94	G1553	40,600	23,060	17,540	8.77
10/07/94	G1554	50,700	26,300	24,400	12.20
10/07/94	G1555	66,840	30,480	36,360	18.18
10/07/94	G1556	46,460	24,700	21,760	10.88
10/07/94	G1557	64,180	33,060	31,120	15.56
10/07/94	G1558	42,740	24,560	18,180	9.09
10/07/94	G1559	44,540	26,000	18,540	9.27
10/07/94	G1560	67,820	32,320	35,500	17.75
10/07/94	G1561	68,280	35,140	33,140	16.57
10/07/94	G1562	45,220	25,300	19,920	9.96
10/07/94	G1563	43,280	25,000	18,280	9.14
10/07/94	G1564	43,580	23,060	20,520	10.26
10/07/94	G1565	45,580	25,420	20,160	10.08
10/07/94	G1566	45,300	22,460	22,840	11.42
10/07/94	G1567	50,980	26,300	24,680	12.34
10/07/94	G1568	67,820	30,480	37,340	18.67
10/07/94	G1569	49,000	24,700	24,300	12.15
10/07/94	G1570	37,640	24,560	13,080	6.54
10/10/94	G1571	43,440	24,100	19,340	9.67
10/10/94	G1572	42,300	25,440	16,860	8.43
10/10/94	G1573	42,420	23,200	19,220	9.61
10/10/94	G1574	46,360	25,400	20,960	10.48
10/10/94	G1575	43,820	24,620	19,200	9.60
10/10/94	G1576	70,060	33,060	37,000	18.50
10/10/94	G1577	71,140	30,420	40,720	20.36
10/10/94	G1578	47,860	23,120	24,740	12.37
10/10/94	G1579	67,960	32,840	35,120	17.56
10/10/94	G1580	43,800	24,100	19,700	9.85
10/10/94	G1581	52,080	26,280	25,800	12.90
10/10/94	G1582	46,420	25,440	20,980	10.49
10/10/94	G1583	66,840	32,340	34,500	17.25
10/10/94	G1584	43,680	23,200	20,480	10.24
10/10/94	G1585	46,720	25,400	21,320	10.66

DATE	MANIFEST	GROSS	TARE	NET	NET
<b>SHIPPED</b>	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(ton)
10/10/94	G1586	42,180	24,620	17,560	8.78
10/10/94	G1587	46,940	23,120	23,820	11.91
10/10/94	G1588	64,760	33,060	31,700	15.85
10/10/94	G1589	68,280	30,420	37,860	18.93
10/10/94	G1590	46,520	24,100	22,420	11.21
10/10/94	G1591	49,080	26,280	22,800	11.40
10/10/94	G1592	44,960	25,300	19,660	9.83
10/10/94	G1593	69,100	32,840	36,260	18.13
10/10/94	G1594	46,840	25,440	21,400	10.70
10/10/94	G1595	45,700	24,620	21,080	10.54
10/10/94	G1596	48,120	23,200	24,920	12.46
10/10/94	G1597	45,900	25,400	20,500	10.25
10/10/94	G1598	73,420	32,340	41,080	20.54
10/10/94	G1599	47,840	23,120	24,720	12.36
10/10/94	G1600	44,080	24,100	19,980	9.99
10/10/94	G1601	67,280	33,060	34,220	17.11
10/10/94	G1602	52,780	26,280	26,500	13.25
10/10/94	G1603	46,320	25,300	21,020	10.51
10/10/94	G1604	64,840	32,840	32,000	16.00
10/10/94	G1605	68,620	30,420	38,200	19.10
10/10/94	G1606	45,800	23,200	22,600	11.30
10/10/94	G1607	47,280	25,400	21,880	10.94
10/10/94	G1608	73,240	32,340	40,900	20.45
10/10/94	G1609	47,440	23,120	24,320	12.16
10/10/94	G1610	47,600	25,440	22,160	11.08
10/10/94	G1611	47,640	24,620	23,020	11.51
10/10/94	G1612	48,320	26,280	22,040	11.02
10/10/94	G1613	44,840	24,100	20,740	10.37
10/10/94	G1614	63,740	33,060	30,680	15.34
10/10/94	G1615	65,620	32,840	32,780	16.39
10/10/94	G1616	63,760	30,420	33,340	16.67
10/10/94	G1617	44,340	23,200	21,140	10.57
10/10/94	G1618	45,300	25,400	19,900	9.95
10/11/94	G1619	46,240	22,780	23,460	11.73
10/11/94	G1620	45,720	24,580	21,140	10.57
10/11/94	G1621	45,200	25,860	19,340	9.67
10/11/94 .	G1622	65,860	33,080	32,780	16.39
10/11/94	G1623	50,240	22,800	27,440	13.72
10/11/94	G1624	68,180	30,440	37,740	18.87
10/11/94	G1625	50,240	26,300	23,940	11.97
10/11/94	G1626	71,080	32,320	38,760	19.38
10/11/94	G1627	63,600	33,000	30,600	
10/11/94	G1628	46,720	25,440	21,280	10.64

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
10/11/94	G1629	48,880	24,720	24,160	12.08
10/11/94	G1630	48,320	25,420	22,900	11.45
10/11/94	G1631	41,760	24,580	17,180	8.59
10/11/94	G1632	46,800	22,780	24,020	12.01
10/11/94	G1633	46,620	25,860	20,760	10.38
10/11/94	G1634	68,080	33,080	35,000	17.50
10/11/94	G1635	43,480	22,800	20,680	10.34
10/11/94	G1636	66,320	30,440	35,880	17.94
10/11/94	G1637	47,740	26,300	21,440	10.72
10/11/94	G1638	69,780	32,320	37,460	18.73
10/11/94	G1639	46,620	24,720	21,900	10.95
10/11/94	G1640	44,520	25,420	19,100	9.55
10/11/94	G1641	67,180	33,000	34,180	17.09
10/11/94	G1642	42,780	22,780	20,000	10.00
10/11/94	G1643	43,740	25,440	18,300	9.15
10/11/94	G1644	46,580	24,580	22,000	11.00
10/11/94	G1645	41,840	22,800	19,040	9.52
10/11/94	G1646	42,320	25,860	16,460	8.23
10/11/94	G1647	47,660	26,300	21,360	10.68
10/11/94	G1648	47,260	24,720	22,540	11.27
10/11/94	G1649	61,420	33,080	28,340	14.17
10/11/94	G1650	62,560	30,440	32,120	16.06
10/11/94	G1651	45,900	25,420	20,480	10.24
10/11/94	G1652	65,100	32,320	32,780	16.39
10/11/94	G1653	43,260	22,780	20,480	10.24
10/11/94	G1654	64,660	33,000	31,660	15.83
10/11/94	G1655	46,940	24,580	22,360	11.18
10/11/94	G1656	43,740	25,440	18,300	9.15
10/11/94	G1657	45,980	22,800	23,180	11.59
10/11/94	G1658	48,520	26,300	22,220	11.11
10/11/94	G1659	48,320	25,860	22,460	11.23
10/11/94	G1660	48,320	24,720	23,600	11.80
10/11/94	G1661	67,240	33,080	34,160	17.08
10/11/94	G1662	65,840	30,440	35,400	17.70
10/11/94	G1663	44,340	22,780	21,560	10.78
10/11/94	G1664	68,860	32,320	36,540	18.27
10/11/94	G1665	45,120	25,440	19,680	9.84
10/11/94	G1666	41,680	24,580	17,100	8.55
10/11/94	G1667	67,460	33,000	34,460	17.23
10/11/94	G1668	44,440	22,800	21,640	10.82
10/11/94	G1669	45,760	25,420	20,340	
10/11/94	G1670	49,680	26,300	23,380	
10/11/94	G1671	46,620	25,860	20,760	10.38

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
10/11/94	G1672	44,300	24,720	19,580	9.79
10/11/94	G1673	64,720	33,080	31,640	15.82
10/11/94	G1674	56,300	30,440	25,860	12.93
10/12/94	G1675	47,660	24,120	23,540	11.77
10/12/94	G1676	46,920	25,420	21,500	10.75
10/12/94	G1677	48,540	22,420	26,120	13.06
10/12/94	G1678	68,880	33,100	35,780	17.89
10/12/94	G1679	71,000	32,400	38,600	19.30
10/12/94	G1680	42,720	25,400	17,320	8.66
10/12/94	G1681	41,020	25,420	15,600	7.80
10/12/94	G1682	66,420	32,940	33,480	16.74
10/12/94	G1683	47,140	26,320	20,820	10.41
10/12/94	G1684	66,240	30,420	35,820	17.91
10/12/94	G1685	47,180	24,720	22,460	11.23
10/12/94	G1686	50,220	23,080	27,140	13.57
10/12/94	G1687	42,920	25,100	17,820	8.91
10/12/94	G1688	51,460	25,420	26,040	13.02
10/12/94	G1689	45,440	24,120	21,320	10.66
10/12/94	G1690	45,540	25,400	20,140	10.07
10/12/94	G1691	48,720	22,420	26,300	13.15
10/12/94	G1692	69,800	33,100	36,700	18.35
10/12/94	G1693	45,000	25,420	19,580	9.79
10/12/94	G1694	53,800	26,320	27,480	13.74
10/12/94	G1695	42,920	24,720	18,200	9.10
10/12/94	G1696	70,540	32,940	37,600	18.80
10/12/94	G1697	65,500	30,420	35,080	17.54
10/12/94	G1698	42,760	23,080	19,680	9.84
10/12/94	G1699	71,420	32,400	39,020	19.51
10/12/94	G1700	48,880	24,120	24,760	12.38
10/12/94	G1701	49,000	22,420	26,580	13.29
10/12/94	G1702	49,800	25,420	24,380	12.19
10/12/94	G1703	47,560	25,400	22,160	11.08
10/12/94	G1704	48,320	25,420	22,900	11.45
10/12/94	G1705	47,020	24,720	22,300	11.15
10/12/94	G1706	48,520	26,320	22,200	11.10
10/12/94	G1707	48,560	23,080	25,480	12.74
10/12/94	G1708	66,740	32,940	33,800	16.90
10/12/94	G1709	67,860	33,100	34,760	17.38
10/12/94	G1710	72,660	32,400	40,260	20.13
10/12/94	G1711	65,960	30,420	35,540	17.77
10/12/94	G1712	46,340	24,120	22,220	11.11
10/12/94	G1713	45,560	25,420	20,140	10.07
10/12/94	G1714	44,800	25,400	19,400	9.70

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
10/12/94	G1715	45,300	22,420	22,880	11.44
10/12/94	G1716	46,980	24,720	22,260	11.13
10/12/94	G1717	46,780	25,420	21,360	10.68
10/12/94	G1718	50,440	26,320	24,120	12.06
10/12/94	G1719	64,300	32,940	31,360	15.68
10/12/94	G1720	45,960	23,080	22,880	11.44
10/12/94	G1721	65,080	33,100	31,980	15.99
10/12/94	G1722	47,220	24,120	23,100	11.55
10/12/94	G1723	64,980	32,400	32,580	16.29
10/12/94	G1724	48,300	25,420	22,880	11.44
10/12/94	G1725	43,680	25,400	18,280	9.14
10/12/94	G1726	48,860	24,720	24,140	12.07
10/12/94	G1727	46,020	22,420	23,600	11.80
10/12/94	G1728	69,400	30,420	38,980	19.49
10/13/94	G1729	46,480	22,680	23,800	11.90
10/13/94	G1730	62,560	33,080	29,480	14.74
10/13/94	G1731	46,900	24,580	22,320	11.16
10/13/94	G1732	45,100	23,260	21,840	10.92
10/13/94	G1733	48,120	26,260	21,860	10.93
10/13/94	G1734	43,360	25,380	17,980	8.99
10/13/94	G1735	64,440	32,340	32,100	16.05
10/13/94	G1736	42,400	25,420	16,980	8.49
10/13/94	G1737	49,100	25,820	23,280	11.64
10/13/94	G1738	43,760	24,960	18,800	9.40
10/13/94	G1739	44,500	24,740	19,760	9.88
10/13/94	G1740	62,460	35,980	26,480	13.24
10/13/94	G1741	43,400	24,960	18,440	9.22
10/13/94	G1742	64,780	30,440	34,340	17.17
10/13/94	G1743	44,400	22,680	<sup>,</sup> 21,720	10.86
10/13/94	G1744	45,000	24,580	20,420	10.21
10/13/94	G1745	45,900	23,260	22,640	11.32
10/13/94	G1746	58,040	33,080	24,960	12.48
10/13/94	G1747	49,360	26,260	23,100	11.55
10/13/94	G1748	67,580	32,340	35,240	17.62
10/13/94	G1749	43,460	25,420	18,040	9.02
10/13/94	G1750	44,660	24,740	19,920	9.96
10/13/94 .	G1751	45,540	25,380	20,160	10.08
10/13/94	G1752	47,580	25,820	21,760	10.88
10/13/94	G1753	42,880	24,960	17,920	8.96
10/13/94	G1754	63,920	35,980	27,940	13.97
10/13/94	G1755	44,900	24,960	19,940	9.97
10/13/94	G1756	57,980	30,440	27,540	13.77
10/13/94	G1757	43,300	22,680	20,620	10.31

DATE	MANIFEST	GROSS	TARE '	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(ton)
10/13/94	G1758	42,520	24,580	17,940	8.97
10/13/94	G1759	48,360	26,260	22,100	11.05
10/13/94	G1760	65,660	33,080	32,580	16.29
10/13/94	G1761	43,460	23,260	20,200	10.10
10/13/94	G1762	44,620	24,740	19,880	9.94
10/13/94	G1763	65,860	32,340	33,520	16.76
10/13/94	G1764	43,620	25,820	17,800	8.90
10/13/94	G1765	41,380	25,380	16,000	8.00
10/13/94	G1766	45,380	24,960	20,420	10.21
10/13/94	G1767	62,400	30,440	31,960	15.98
10/13/94	G1768	42,500	24,960	17,540	8.77
10/13/94	G1769	43,760	22,680	21,080	10.54
10/13/94	G1770	44,460	25,420	19,040	9.52
10/13/94	G1771	42,280	24,580	17,700	8.85
10/13/94	G1772	46,880	26,260	20,620	10.31
10/13/94	G1773	44,480	23,260	21,220	10.61
10/13/94	G1774	68,120	33,080	35,040	17.52
10/13/94	G1775	68,260	35,700	32,560	16.28
10/13/94	G1776	46,200	24,740	21,460	10.73
10/13/94	G1777	64,800	32,340	32,460	16.23
10/13/94	G1778	44,280	25,820	18,460	9.23
10/13/94	G1779	43,340	25,380	17,960	8.98
10/13/94	G1780	42,820	24,960	17,860	8.93
10/13/94	G1781	56,800	30,440	26,360	13.18
10/13/94	G1782	45,280	22,680	22,600	11.30
10/13/94	G1783	38,740	25,420	13,320	6.66
10/14/ <del>9</del> 4	G1784	44,480	22,880	21,600	10.80
10/14/94	G1785	43,100	24,200	18,900	9.45
10/14/94	G1786	43,900	25,540	18,360	9.18
10/14/94	G1787 .	42,780	22,960	19,820	9.91
10/14/94	G1788	45,880	25,380	20,500	10.25
10/1 <i>4/</i> 94	G1789	68,120	33,080	35,040	17.52
10/14/94	G1790	45,720	24,960	20,760	10.38
10/14/94	G1791	49,980	26,260	23,720	11.86
10/14/94	G1792	68,480	32,380	36,100	18.05
10/14/94	G1793	45,140	25,380	19,760	9.88
10/14/94	G1794	59,980	35,860	24,120	12.06
10/14/94	G1795	48,620	24,740	23,880	11.94
10/14/94	G1796	43,600	24,200	19,400	9.70
10/14/94	G1797	49,040	24,920	24,120	12.06
10/14/94	G1798	67,060	30,420	36,640	18.32
10/14/94	G1799	42,300	22,880	19,420	9.71
10/14/94	G1800	46,300	22,960	23,340	11.67

DATE	MANIFEST	GROSS	TARE	NET	NET
<u>SHIPPED</u>	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
10/14/94	G1801	49,000	25,540	23,460	11.73
10/14/94	G1802	51,120	26,260	24,860	12.43
10/14/94	G1803	45,940	24,960	20,980	10.49
10/14/94	G1804	47,020	25,380	21,640	10.82
10/14/94	G1805	46,660	25,380	21,280	10.64
10/14/94	G1806	63,980	33,080	30,900	15.45
10/14/94	G1807	70,940	32,380	38,560	19.28
10/14/94	G1808	48,800	24,920	23,880	11.94
10/14/94	G1809	63,080	35,860	27,220	13.61
10/14/94	G1810	56,700	30,420	26,280	13.14
10/14/94	G1811	42,140	24,200	17,940	8.97
10/14/94	G1812	43,980	22,880	21,100	10.55
10/14/94	G1813	43,500	22,960	20,540	10.27
10/14/94	G1814	51,620	24,740	26,880	13.44
10/14/94	G1815	47,660	25,380	22,280	11.14
10/14/94	G1816	45,720	25,380	20,340	10.17
10/14/94	G1817	48,500	26,260	22,240	11.12
10/14/94	G1818	47,800	24,960	22,840	11.42
10/14/94	G1819	47,400	24,920	22,480	11.24
10/14/94	G1820	45,740	22,880	22,860	11.43
10/14/94	G1821	47,000	24,200	22,800	11.40
10/14/94	G1822	48,240	22,960	25,280	12.64
10/14/94	G1823	63,740	32,380	31,360	15.68
10/14/94	G1824	44,220	24,740	19,480	9.74
10/14/94	G1825	64,380	35,860	28,520	14.26
10/14/94	G1826	45,320	25,380	19,940	9.97
10/14/94	G1827	68,220	33,080	35,140	17.57
10/14/94	G1828	43,880	25,380	18,500	9.25
10/14/94	G1829	47,340	26,260	21,080	10.54
10/14/94	G1830	44,600	24,960	19,640	9.82
10/14/94	G1831	64,880	30,420	34,460	17.23
10/14/94	G1832	45,960	24,920	21,040	10.52
10/14/94	G1833	43,260	22,880	20,380	10.19
10/14/94	G1834	44,980	24,200	20,780	10.39
10/14/94	G1835	46,960	22,960	24,000	12.00
10/14/94	G1836	42,600	24,740	17,860	8.93
10/15/94	G1837	48,540	22,540	26,000	13.00
10/15/94	G1838	45,920	22,500	23,420	11.71
10/15/94	G1839	46,260	24,620	21,640	10.82
10/15/94	G1840	45,580	25,000	20,580	10.29
10/15/94	G1841	64,100	33,220	30,880	15.44
10/15/94	G1842	47,680	25,400	22,280	11.14
10/15/94	G1843	47,700	25,380	22,320	11.16

DATE	MANIFEST	GROSS	TARE	NET	NET
<u>SHIPPED</u>	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(ton)
10/15/94	G1844	46,720	24,980	21,740	10.87
10/15/94	G1845	64,420	32,440	31,980	15.99
10/15/94	G1846	65,480	35,800	29,680	14.84
10/15/94	G1847	60,640	30,440	30,200	15.10
10/15/94	G1848	48,300	24,820	23,480	11.74
10/15/94	G1849	45,280	22,540	22,740	11.37
10/15/94	G1850	44,820	22,500	22,320	11.16
10/15/94	G1851	46,620	24,620	22,000	11.00
10/15/94	G1852	45,120	25,000	20,120	10.06
10/15/94	G1853	62,420	33,220	29,200	14.60
10/15/94	G1854	45,880	25,400	20,480	10.24
10/15/94	G1855	45,160	25,380	19,780	9.89
10/15/94	G1856	61,960	35,800	26,160	13.08
10/15/94	G1857	65,860	32,440	33,420	16.71
10/15/94	G1858	46,460	22,540	23,920	11.96
10/15/94	G1859	46,900	22,500	<b>24,400</b>	12.20
10/15/94	G1860	66,460	30,440	36,020	18.01
10/15/94	G1861	46,360	24,620	21,740	10.87
10/15/94	G1862	43,480	25,000	18,480	9.24
10/15/94	G1863	45,240	24,820	20,420	10.21
10/15/94	G1864	46,520	24,980	21,540	10.77
10/15 <b>/</b> 94	G1865	43,320	25,400	17,920	8.96
10/15/94	G1866	43,740	25,380	18,360	9.18
10/15/94	G1867	62,540	33,220	29,320	14.66
10/15/94	G1868	65,040	35,800	29,240	14.62
10/15/94	G1869	67,220	32,440	34,780	17.39
10/15/94	G1870	42,560	22,500	20,060	10.03
10/15/94	G1871	44,160	22,540	21,620	10.81
10/15/94	G1872	43,900	24,620	19,280	9.64
10/15/94	G1873	46,780	24,820	21,960	10.98
10/15/94	G1874	63,340	30,440	32,900	16.45
10/15/94	G1875	42,760	25,000	17,760	8.88
10/15/94	G1876	44,580	24,980	19,600	9.80
10/15/94	G1877	43,740	25,400	18,340	9.17
10/15/94	G1878	46,260	25,380	20,880	10.44
10/15/94	G1879	65,360	33,220	32,140	16.07
10/15/94	G1880	67,260	35,800	31,460	15.73
10/15/94	G1881	45,360	22,500	22,860	11.43
10/15/94	G1882	48,300	22,540	25,760	12.88
10/15/94	G1883	67,780	32,440	35,340	17.67
10/15/94	G1884	47,100	24,620	22,480	11.24
10/15/94	G1885	48,520	24,820	23,700	11.85
10/15/94	G1886	63,400	30,340	33,060	16.53

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
10/17/94	G1887	45,740	23,260	22,480	11.24
10/17/94	G1888	47,140	24,300	22,840	11.42
10/17/94	G1889	46,120	22,500	23,620	11.81
10/17/94	G1890	49,220	26,260	22,960	11.48
10/17/94	G1891	44,060	24,960	19,100	9.55
10/17/94	G1892	43,160	25,420	17,740	8.87
10/17/94	G1893	43,300	25,440	17,860	8.93
10/17/94	G1894	44,780	25,040	19,740	9.87
10/17/94	G1895	47,680	24,900	22,780	11.39
10/17/94	G1896	60,520	30,100	30,420	15.21
10/17/94	G1897	68,540	35,880	32,660	16.33
10/17/94	G1898	64,600	34,020	30,580	15.29
10/17/94	G1899	45,580	23,260	22,320	11.16
10/17/94	G1900	44,940	24,300	20,640	10.32
10/17/94	G1901	46,880	22,500	24,380	12.19
10/17/94	G1902	48,860	26,260	22,600	11.30
10/17/94	G1903	48,280	24,900	23,380	11.69
10/17/94	G1904	45,780	25,420	20,360	10.18
10/17/94	G1905	45,500	24,960	20,540	10.27
10/17/94	G1906	44,620	25,040	19,580	9.79
10/17/94	G1907	61,680	30,100	31,580	15.79
10/17/94	G1908	44,320	25,440	18,880	9.44
10/17/94	G1909	46,640	25,440	21,200	10.60
10/17/94	G1910	63,760	35,880	27,880	13.94
10/17/94	G1911	40,580	22,500	18,080	9.04
10/17/94	G1912	65,520	34,020	31,500	15.75
10/17/94	G1913	47,860	26,260	21,600	10.80
10/17/94	G1914	45,300	24,900	20,400	10.20
10/17 <i>/</i> 94	G1915	44,520	25,420	19,100	9.55
10/17/94	G1916	44,480	23,260	21,220	10.61
10/17/94	G1917	46,840	25,440	21,400	10.70
10/17/94	G1918	49,440	25,440	24,000	12.00
10/17/94	G1919	43,880	24,960	18,920	9.46
10/17/94	G1920	45,480	25,040	20,440	10.22
10/17/94	G1921	67,380	35,880	31,500	15.75
10/17 <i>/</i> 94	G1922	66,080	30,100	35,980	17.99
<b>10/17/94</b> .	G1923	48,960	22,500	26,460	
10/17/94	G1924	65,460	34,020	31,440	15.72
10/17/94	G1925	48,680	24,900	23,780	
10/17/94	G1926	49,940	26,260	23,680	
10/17/94	G1927	45,620	24,300	21,320	
10/17/94	G1928	47,420	23,260	24,160	
10/17/94	G1929	46,580	25,420	21,160	10.58

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<b>NUMBER</b>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
10/17/94	G1930	48,060	25,440	22,620	11.31
10/17/94	G1931	43,240	24,960	18,280	9.14
10/17/94	G1932	47,960	25,440	22,520	11.26
10/17/94	G1933	68,380	35,880	32,500	16.25
10/17/94	G1934	45,620	25,040	20,580	10.29
10/17/94	G1935	64,300	30,100	34,200	17.10
10/17/94	G1936	69,040	34,020	35,020	17.51
10/17/94	G1937	46,040	24,900	21,140	10.57
10/17/94	G1938	48,860	26,260	22,600	11.30
10/18/94	G1939	45,600	23,060	22,540	11.27
10/18/94	G1940	49,120	26,620	22,500	11.25
10/18/94	G1941	44,080	24,700	19,380	9.69
10/18/94	G1942	44,880	23,140	21,740	10.87
10/18/94	G1943	45,240	25,020	20,220	10.11
10/18/94	G1944	45,980	25,920	20,060	10.03
10/18/94	G1945	44,480	25,460	19,020	9.51
10/18/94	G1946	43,700	25,520	18,180	9.09
10/18/94	G1947	59,640	31,280	28,360	14.18
10/18/94	G1948	69,440	35,920	33,520	16.76
10/18/94	G1949	64,500	30,520	33,980	16.99
10/18/94	G1950	48,980	24,780	24,200	12.10
10/18/94	G1951	64,240	37,440	26,800	13.40
10/18/94	G1952	45,120	24,700	20,420	10.21
10/18/94	G1953	45,600	25,920	19,680	9.84
10/18/94	G1954	42,080	25,020	17,060	8.53
10/18/94	G1955	40,460	23,140	17,320	8.66
10/18/94	G1956	44,700	25,460	19,240	9.62
10/18/94	G1957	46,920	23,060	23,860	11.93
10/18/94	G1958	44,760	25,520	19,240	9.62
10/18/94	G1959	56,060	31,280	24,780	12.39
10/18/94	G1960	52,480	26,620	25,860	12.93
10/18/94	G1961	44,360	24,700	19,660	9.83
10/18/94	G1962	41,540	25,920	15,620	7.81
10/19/94	G1963	47,620	22,940	24,680	12.34
10/19/94	G1964	49,560	25,620	23,940	11.97
10/19/94	G1965	44,160	24,460	19,700	9.85
10/19/94 ·	G1966	43,660	23,340	20,320	10.16
10/19/94	G1967	41,880	24,980	16,900	8.45
10/19/94	G1968	44,040	25,240	18,800	9.40
10/19/94	G1969	43,620	25,500	18,120	9.06
10/19/94	G1970	43,140	25,340	17,800	8.90
10/19/94	G1971	43,680	24,900	18,780	9.39
10/19/94	G1972	47,020	26,560	20,460	10.23

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	NUMBER	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
10/19/94	G1973	45,660	24,460	21,200	10.60
10/19/94	G1974	47,020	22,940	24,080	12.04
10/19/94	G1975	47,760	24,980	22,780	11.39
10/19/94	G1976	48,980	25,620	23,360	11.68
10/19/94	G1977	44,660	23,340	21,320	10.66
10/19/94	G1978	44,300	25,500	18,800	9.40
10/19/94	G1979	44,960	25,340	19,620	9.81
10/19/94	G1980	43,700	25,240	18,460	9.23
10/19/94	G1981	48,400	26,560	21,840	10.92
10/19/94	G1982	44,880	24,900	19,980	9.99
10/19/94	G1983	44,500	24,460	20,040	10.02
10/19/94	G1984	45,760	22,940	22,820	11.41
10/19/94	G1985	50,040	25,620	24,420	12.21
10/19/94	G1986	47,580	24,980	22,600	11.30
10/19/94	G1987	44,780	23,340	21,440	10.72
10/19/94	G1988	38,400	25,500	12,900	6.45
10/20/94	G1989	43,380	24,180	19,200	9.60
10/20/94	G1990	47,220	25,400	21,820	10.91
10/20/94	G1991	42,720	23,080	19,640	9.82
10/20/94	G1992	44,320	23,020	21,300	10.65
10/20/94	G1993	42,660	25,040	17,620	8.81
10/20/94	G1994	50,400	26,740	23,660	11.83
10/20/94	G1995	45,960	24,960	21,000	10.50
10/20/94	G1996	45,600	25,500	20,100	10.05
10/20/94	G1997	44,440	25,480	18,960	9.48
10/20/94	G1998	45,640	24,180	21,460	10.73
10/20/94	G1999	49,720	25,400	24,320	12.16
10/20/94	G2000	46,680	23,020	23,660	11.83
10/20/94	G2001	45,520	23,080	22,440	11.22
10/20/94	G2002	46,080	24,960	21,120	10.56
10/20/94	G2003	49,720	26,740	22,980	11.49
10/20/94	G2004	46,560	25,040	21,520	10.76
10/20/94	G2005	46,780	25,480	21,300	10.65
10/20/94	G2006	47,100	25,500	21,600	10.80
10/20/94	G2007	42,500	25,400	17,100	8.55
10/20/94	G2008	40,820	23,020	17,800	8.90
10/20/94	G2009	45,220	24,180	21,040	10.52
10/20/94	G2010	43,380	24,960	18,420	9.21
10/20/94	G2011	47,940	26,740	21,200	10.60
10/20/94	G2012	42,660	23,080	19,580	9.79
10/20/94	G2013	44,840	25,040	19,800	9.90
10/20/94	G2014	46,640	25,480	21,160	10.58
10/21/94	G2015	43,240	24,700	18,540	9.27

DATE	MANIFEST	GROSS	TARE	NET	NET
<u>SHIPPED</u>	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
10/21/94	G2016	48,620	26,000	22,620	· 11.31
10/21/94	G2017	47,120	26,840	20,280	10.14
10/21/94	G2018	45,660	23,100	22,560	11.28
10/21/94	G2019	43,680	23,340	20,340	10.17
10/21/94	G2020	46,080	25,480	20,600	10.30
10/21/94	G2021	44,300	25,040	19,260	9.63
10/21/94	G2022	46,500	25,460	21,040	10.52
10/21/94	G2023	46,900	24,960	21,940	10.97
10/21/94	G2024	48,000	25,480	22,520	11.26
10/21/94	G2025	74,480	32,380	42,100	21.05
10/21/94	G2026	44,780	25,040	19,740	9.87
10/21/94	G2027	70,120	34,340	35,780	17.89
10/21/94	G2028	49,340	23,340	26,000	13.00
10/21/94	G2029	51,860	24,960	26,900	13.45
10/21/94	G2030	47,040	24,700	22,340	11.17
10/21/94	G2031	49,400	26,000	23,400	11.70
10/21/94	G2032	39,240	25,460	13,780	6.89
10/22/94	G2033	46,260	23,020	23,240	11.62
10/22/94	G2034	50,680	26,740	23,940	11.97
10/22/94	G2035	44,540	23,200	21,340	10.67
10/22/94	G2036	42,780	24,780	18,000	9.00
10/22/94	G2037	42,920	24,480	18,440	9.22
10/22/94	G2038	44,980	24,940	20,040	10.02
10/22/94	G2039	70,260	34,300	35,960	17.98
10/22/94	G2040	45,780	25,780	20,000	10.00
10/22/94	G2041	75,740	32,360	43,380	21.69
10/22/94	G2042	44,980	25,280	19,700	9.85
10/22/94	G2043	47,680	23,940	23,740	11.87
10/22/94	G2044	44,180	23,020	21,160	10.58
10/22/94	G2045	44,400	24,780	19,620	9.81
10/22/94	G2046	46,360	24,480	21,880	10.94
10/22/94	G2047	43,920	23,200	20,720	10.36
10/22/94	G2048	45,780	25,780	20,000	10.00
10/22/94	G2049	67,480	34,300	33,180	16.59
10/22/94	G2050	47,920	24,940	22,980	11.49
10/22/94	G2051	49,800	25,280	24,520	12.26
10/22/94	G2052	49,000	23,020	25,980	12.99
10/22/94	G2053	70,080	32,360	37,720	18.86
10/22/94	G2054	48,380	23,940	24,440	12.22
10/22/94	G2055	44,260	24,780	19,480	9.74
10/22/94	G2056	47,800	24,480	23,320	11.66

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(ton)
10/22/94	G2057	42,060	23,200	18,860	9.43
10/22/94	G2058	43,940	25,780	18,160	9.08
10/22/94	G2059	66,620	34,300	32,320	16.16
10/25/94	G2060	73,860	46,090	27,770	13.89
10/25/94	G2061	69,880	38,910	30,970	15.49
10/25/94	G2062	73,660	46,090	27,570	13.79
10/25/94	G2063	75,280	46,090	29,190	14.60
10/25/94	G2064	70,700	38,910	31,790	15.90
10/26/94	G2065	73,200	46,110	27,090	13.55
10/26/94	G2066	69,660	38,630	31,030	15.52
10/26/94	G2067	73,900	46,110	27,790	13.90
10/26/94	G2068	68,740	38,630	30,110	15.06
10/26/94	G2069	69,800	38,630	31,170	15.59
10/26/94	G2070	72,860	46,110	26,750	13.38
10/27/94	G2071	69,620	39,600	30,020	15.01
10/27/94	G2072	76,000	46,440	29,560	14.78
10/27/9 <del>4</del>	G2073	71,860	39,600	32,260	16.13
10/27/94	G2074	75,940	46,440	29,500	14.75
10/27/94	G2075	73,580	39,600	33,980	16.99
10/27/94	G2076	74,280	45,930	28,350	14.18
10/28/94	G2077	72,720	39,160	33,560	16.78
10/28/94	G2078	76,340	46,090	30,250	15.13
10/28/94	G2079	76,680	32,060	44,620	22.31
10/28/94	G2080	79,260	31,620	47,640	23.82
10/28/94	G2081	73,700	39,160	34,540	17.27
10/28/94	G2082	74,580	46,090	28,490	14.25
10/28/94	G2083	72,620	39,160	33,460	16.73
10/31/94	G2084	77,500	39,800	37,700	18.85
10/31/94	G2085	74,040	31,080	42,960	21.48
10/31/94	G2086	71,880	33,140	38,740	19.37
10/31/94	G2087	78,900	32,880	46,020	23.01
10/31/94	G2088	67,140	32,440	34,700	17.35
10/31/94	G2089	69,400	31,940	37,460	18.73
11/01/94	G2090	74,760	39,110	35,650	17.83
11/01/94	G2091	79,120	33,360	45,760	22.88
11/01/94	G2092	76,360	32,360	44,000	22.00
11/01/94 ·	G2093	77,300	33,400	43,900	21.95
11/01/94	G2094	76,620	32,580	44,040	22.02
11/01/94	G2095	74,240	39,620	34,620	17.31
11/01/94	G2096	68,020	39,620	28,400	14.20
11/02/94	G2097	72,940	46,370	26,570	13.29
11/02/94	G2098	69,340	39,190	30,150	15.08
11/02/94	G2099	73,860	46,370	27,490	13.75

NUMBER   WEIGHT(Ib)   WEIGHT(Ib)   39,700   36,080   18.03   11/02/94   G2101   75,780   38,700   36,080   18.03   11/02/94   G2102   74,420   48,880   28,440   14.22   11/03/94   G2103   73,920   46,680   27,240   13.62   11/03/94   G2104   73,360   46,170   27,190   13.60   11/03/94   G2105   70,240   39,380   30,860   15.43   11/03/94   G2106   74,340   30,900   43,440   21.72   11/03/94   G2107   70,360   38,870   31,490   15.75   11/14/94   G2108   65,560   39,510   26,050   13.03   11/14/94   G2109   71,480   44,740   26,740   13.37   11/15/94   G2110   70,060   43,870   26,190   13.10   11/15/94   G2111   68,000   39,350   28,650   14.33   11/15/94   G2112   76,820   39,050   37,770   18.89   11/15/94   G2113   68,780   39,350   29,430   14.72   11/15/94   G2114   69,580   43,870   25,710   12.86   11/15/94   G2116   73,720   43,870   29,850   14.93   11/16/94   G2118   77,440   38,690   38,750   19,38   11/16/94   G2119   79,500   39,630   39,670   19,94   11/16/94   G2120   67,840   38,690   29,150   14.58   11/16/94   G2121   78,560   43,850   36,410   18,21   11/16/94   G2122   67,840   38,690   36,410   18,21   11/16/94   G2122   75,100   38,690   36,410   18,21   11/16/94   G2125   72,160   38,690   36,410   18,21   11/16/94   G2126   79,500   38,690   36,410   18,21   11/16/94   G2126   79,500   38,690   36,410   18,21   11/16/94   G2127   68,260   43,850   36,410   18,21   11/16/94   G2128   70,640   38,690   36,410   18,21   11/16/94   G2128   70,640   38,690   36,410   18,21   11/16/94   G2128   70,640   38,800   36,410   18,21   11/16/94   G2128   70,640   38,800   36,410   18,21   11/16/94   G2128   70,640   38,800   36,400   18,00   11/16/94   G2130   68,240   39,350   28,890   14,45   11/16/94   G2131   66,640   43,870   22	DATE	MANIFEST	GROSS	TARE	NET	NET
11/02/94         G2100         75,760         39,700         36,060         18.03           11/02/94         G2101         75,320         46,880         26,440         14.22           11/03/94         G2102         74,420         38,870         35,550         17.78           11/03/94         G2103         73,920         46,680         27,240         13.62           11/03/94         G2105         70,240         39,380         30,680         15.43           11/03/94         G2106         74,340         30,900         43,440         21.72           11/03/94         G2107         70,360         38,870         31,490         15.75           11/14/94         G2108         65,560         39,510         26,050         13.03           11/15/94         G2109         71,480         44,740         26,740         13.37           11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2114         69,580						
11/10/294 G2101 75,320 46,880 28,440 14.22 11/10/394 G2102 74,420 38,670 35,550 17.78 11/10/394 G2103 73,920 46,680 27,240 13.62 11/10/394 G2104 73,360 46,170 27,190 13.60 11/10/394 G2105 70,240 39,380 30,660 15,43 11/10/394 G2106 74,340 30,900 43,440 21,72 11/10/394 G2107 70,360 38,670 31,490 15.75 11/14/94 G2108 65,560 39,510 26,050 13.03 11/14/94 G2109 71,480 44,740 26,740 13.37 11/15/94 G2110 70,060 43,870 26,190 13.10 11/15/94 G2111 68,000 39,350 28,650 14.33 11/15/94 G2112 76,820 39,050 37,770 18.89 11/15/94 G2113 68,780 39,350 29,430 14.72 11/15/94 G2114 69,580 43,870 25,710 12.86 11/15/94 G2115 76,260 39,050 37,210 18.61 11/15/94 G2116 73,720 43,870 29,850 14.93 11/15/94 G2117 87,960 39,050 37,210 18.61 11/15/94 G2118 77,440 38,690 38,750 19,38 11/16/94 G2118 77,540 38,690 38,750 19,38 11/16/94 G2119 79,500 39,630 39,870 19,38 11/16/94 G2120 67,840 38,690 29,150 14.58 11/16/94 G2121 78,560 43,850 34,710 17.36 11/16/94 G2122 67,320 39,630 32,530 16,27 11/16/94 G2124 79,920 43,850 36,410 18,21 11/16/94 G2125 72,160 39,630 32,530 16,27 11/16/94 G2126 79,500 38,690 40,810 20.41 11/16/94 G2127 68,260 43,850 34,710 17.36 11/16/94 G2128 70,640 38,690 32,530 16,27 11/16/94 G2129 75,100 38,690 30,500 33,490 16,17 11/16/94 G2120 67,820 39,630 32,530 16,27 11/16/94 G2127 68,260 43,850 34,710 17.36 11/16/94 G2128 70,640 38,310 32,330 16,17 11/16/94 G2129 75,100 43,810 32,330 16,17 11/16/94 G2120 67,200 38,690 38,310 32,330 16,17 11/16/94 G2121 78,560 39,630 32,530 16,27 11/16/94 G2123 75,100 38,690 38,310 32,330 16,17 11/16/94 G2123 75,100 38,690 38,310 32,330 16,17 11/17/94 G2131 65,080 38,310 32,330 16,17 11/17/94 G2130 68,240 39,350 28,880 14,45 11/18/94 G2136 66,220 43,870 22,350 11,18 11/18/94 G2138 74,780 40,580 34,200 17,10 11/18/94 G2139 76,540 40,580 34,200 17,10 11/18/94 G2141 68,060 43,870 24,190 1						
11/03/94         G2102         74,420         38,870         35,550         17.78           11/03/94         G2103         73,920         46,680         27,240         13.62           11/03/94         G2105         70,240         39,380         30,880         15.43           11/03/94         G2106         74,340         30,900         43,440         21.72           11/03/94         G2107         70,360         38,870         31,490         15.75           11/14/94         G2108         65,560         39,510         26,050         13.03           11/14/94         G2109         71,480         44,740         26,740         13.37           11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2112         76,820         39,050         37,770         18.89           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2113         68,780         39,050         37,210         18.61           11/15/94         G2115         76,260			-	_	•	
11/03/94         G2103         73,920         46,680         27,240         13.62           11/03/94         G2104         73,360         46,170         27,190         13.62           11/03/94         G2106         70,240         39,380         30,860         15.43           11/03/94         G2106         74,340         30,900         43,440         21.72           11/03/94         G2108         65,560         39,510         26,050         13.03           11/14/94         G2109         71,480         44,740         26,740         13.37           11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2114         69,580         43,870         25,710         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/16/94         G2117         87,960			•	-	· · · · · · · · · · · · · · · · · · ·	17.78
11/03/94         G2104         73,360         46,170         27,190         13.60           11/03/94         G2105         70,240         39,380         30,860         15.43           11/03/94         G2106         74,340         30,900         43,440         21.72           11/03/94         G2108         65,560         39,510         26,050         13.03           11/14/94         G2109         71,480         44,740         26,740         13.10           11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2112         76,820         39,050         37,770         18.89           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2114         69,580         43,870         25,710         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/16/94         G2118         77,440			•	<u>-</u>	27,240	13.62
11/03/94         G2105         70,240         39,380         30,860         15.43           11/03/94         G2106         74,340         30,900         43,440         21.72           11/03/94         G2107         70,360         38,870         31,490         15.05           11/14/94         G2109         71,480         44,740         26,740         13.37           11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2112         76,820         39,050         37,770         18.89           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2114         69,580         43,870         29,850         14.72           11/15/94         G2116         73,720         43,870         29,850         14.93           11/15/94         G2117         87,960         39,050         37,210         18.61           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500			•	46,170	27,190	13.60
11/03/94         G2106         74,340         30,900         43,440         21.72           11/03/94         G2107         70,360         38,870         31,490         15.75           11/14/94         G2108         65,560         39,510         26,050         13.03           11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2112         76,820         39,050         37,770         18.89           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2115         76,280         39,050         37,210         18.81           11/15/94         G2115         76,280         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840		=	•	39,380	30,860	15.43
11/14/94         G2108         65,560         39,510         26,050         13.03           11/14/94         G2109         71,480         44,740         26,740         13.37           11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2113         68,780         39,050         37,770         18.69           11/15/94         G2114         69,580         43,870         25,710         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         25,710         12.86           11/15/94         G2116         73,720         43,870         29,850         14.93           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2120         67,840         38,690         34,710         17.36           11/16/94         G2121         78,560			74,340	30,900	43,440	21.72
11/14/94         G2109         71,480         44,740         26,740         13.37           11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2112         76,820         39,050         37,770         18.89           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2115         76,260         39,050         37,210         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2120         67,840         38,690         39,870         19.94           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320	11/03/94	G2107	70,360	38,870	31,490	15.75
11/15/94         G2110         70,060         43,870         26,190         13.10           11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2112         76,820         39,050         37,770         18.89           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2115         76,260         39,050         37,210         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/15/94         G2117         87,960         39,050         38,750         19.38           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320		G2108	65,560	39,510	26,050	13.03
11/15/94         G2111         68,000         39,350         28,650         14.33           11/15/94         G2112         76,820         39,050         37,770         18.89           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2114         69,580         43,870         25,710         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/15/94         G2117         87,960         39,050         48,910         24.46           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         39,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100		G2109	·	44,740	26,740	13.37
11/15/94         G2112         76,820         39,050         37,770         18.89           11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2114         69,580         43,870         25,710         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/15/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2121         78,560         43,850         36,410         18.21           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920	11/15/94	G2110	70,060	43,870	26,190	13.10
11/15/94         G2113         68,780         39,350         29,430         14.72           11/15/94         G2114         69,580         43,870         25,710         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/15/94         G2117         87,960         39,050         48,910         24.46           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2126         79,500	11/15/94	G2111	68,000	39,350	28,650	14.33
11/15/94         G2114         69,580         43,870         25,710         12.86           11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/15/94         G2117         87,960         39,050         48,910         24.46           11/16/94         G2118         77,440         38,690         38,750         19.94           11/16/94         G2120         67,840         38,690         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160	11/15/94	G2112	76,820	39,050	37,770	18.89
11/15/94         G2115         76,260         39,050         37,210         18.61           11/15/94         G2116         73,720         43,870         29,850         14.93           11/15/94         G2117         87,960         39,050         48,910         24.46           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/17/94         G2127         68,260	11/15/94	G2113	68,780	39,350	29,430	14.72
11/15/94         G2116         73,720         43,870         29,850         14.93           11/15/94         G2117         87,960         39,050         48,910         24.46           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/17/94         G2128         70,640	11/15/94	G2114	69,580	43,870	25,710	12.86
11/15/94         G2117         87,960         39,050         48,910         24.46           11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,770         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640	11/15/94	G2115	76,260	39,050	37,210	18.61
11/16/94         G2118         77,440         38,690         38,750         19.38           11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         32,330         16.27           11/17/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080	11/15/94	G2116	73,720	43,870	29,850	14.93
11/16/94         G2119         79,500         39,630         39,870         19.94           11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080	11/15/94	G2117	87,960	39,050	48,910	24.46
11/16/94         G2120         67,840         38,690         29,150         14.58           11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080         38,310         26,770         13.39           11/17/94         G2133         75,260	11/16/94	G2118	77,440	38,690	38,750	19.38
11/16/94         G2121         78,560         43,850         34,710         17.36           11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080         38,310         26,770         13.39           11/17/94         G2132         74,900         44,570         30,330         15.17           11/17/94         G2133         75,260	11/16/94	G2119	79,500	39,630	39,870	19.94
11/16/94         G2122         67,320         39,630         27,690         13.85           11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080         38,310         26,770         13.39           11/17/94         G2132         74,900         44,570         30,330         15.17           11/17/94         G2133         75,260         38,820         36,440         18.22           11/17/94         G2134         70,260	11/16/94	G2120	67,840	38,690	29,150	14.58
11/16/94         G2123         75,100         38,690         36,410         18.21           11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080         38,310         26,770         13.39           11/17/94         G2132         74,900         44,570         30,330         15.17           11/17/94         G2133         75,260         38,820         36,440         18.22           11/17/94         G2134         70,260         43,810         26,450         13.23           11/18/94         G2135         72,740	11/16/94	G2121	78,560	43,850	34,710	17.36
11/16/94         G2124         79,920         43,850         36,070         18.04           11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080         38,310         26,770         13.39           11/17/94         G2132         74,900         44,570         30,330         15.17           11/17/94         G2133         75,260         38,820         36,440         18.22           11/17/94         G2134         70,260         43,810         26,450         13.23           11/18/94         G2135         72,740         39,250         33,490         16.75           11/18/94         G2136         66,220	11/16/94	G2122	67,320	39,630	27,690	13.85
11/16/94         G2125         72,160         39,630         32,530         16.27           11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080         38,310         26,770         13.39           11/17/94         G2132         74,900         44,570         30,330         15.17           11/17/94         G2133         75,260         38,820         36,440         18.22           11/17/94         G2134         70,260         43,810         26,450         13.23           11/18/94         G2135         72,740         39,250         33,490         16.75           11/18/94         G2136         66,220         43,870         22,350         11.18           11/18/94         G2137         66,140	11/16/94	G2123	75,100	38,690	36,410	18.21
11/16/94         G2126         79,500         38,690         40,810         20.41           11/16/94         G2127         68,260         43,850         24,410         12.21           11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080         38,310         26,770         13.39           11/17/94         G2132         74,900         44,570         30,330         15.17           11/17/94         G2133         75,260         38,820         36,440         18.22           11/17/94         G2134         70,260         43,810         26,450         13.23           11/18/94         G2135         72,740         39,250         33,490         16.75           11/18/94         G2136         66,220         43,870         22,350         11.18           11/18/94         G2137         66,140         44,330         21,810         10.91           11/18/94         G2138         74,780	11/16/94	G2124	79,920	43,850	36,070	18.04
11/16/94       G2127       68,260       43,850       24,410       12.21         11/17/94       G2128       70,640       38,310       32,330       16.17         11/17/94       G2129       75,100       43,810       31,290       15.65         11/17/94       G2130       68,240       39,350       28,890       14.45         11/17/94       G2131       65,080       38,310       26,770       13.39         11/17/94       G2132       74,900       44,570       30,330       15.17         11/17/94       G2133       75,260       38,820       36,440       18.22         11/17/94       G2134       70,260       43,810       26,450       13.23         11/18/94       G2135       72,740       39,250       33,490       16.75         11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060<	11/16/94	G2125	72,160	39,630	32,530	16.27
11/17/94         G2128         70,640         38,310         32,330         16.17           11/17/94         G2129         75,100         43,810         31,290         15.65           11/17/94         G2130         68,240         39,350         28,890         14.45           11/17/94         G2131         65,080         38,310         26,770         13.39           11/17/94         G2132         74,900         44,570         30,330         15.17           11/17/94         G2133         75,260         38,820         36,440         18.22           11/17/94         G2134         70,260         43,810         26,450         13.23           11/18/94         G2135         72,740         39,250         33,490         16.75           11/18/94         G2136         66,220         43,870         22,350         11.18           11/18/94         G2137         66,140         44,330         21,810         10.91           11/18/94         G2138         74,780         40,580         34,200         17.10           11/18/94         G2140         72,900         40,580         32,320         16.16           11/18/94         G2141         68,060	11/16/94	G2126	79,500	38,690	40,810	20.41
11/17/94       G2129       75,100       43,810       31,290       15.65         11/17/94       G2130       68,240       39,350       28,890       14.45         11/17/94       G2131       65,080       38,310       26,770       13.39         11/17/94       G2132       74,900       44,570       30,330       15.17         11/17/94       G2133       75,260       38,820       36,440       18.22         11/17/94       G2134       70,260       43,810       26,450       13.23         11/18/94       G2135       72,740       39,250       33,490       16.75         11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/16/94	G2127	68,260	43,850	24,410	12.21
11/17/94       G2130       68,240       39,350       28,890       14.45         11/17/94       G2131       65,080       38,310       26,770       13.39         11/17/94       G2132       74,900       44,570       30,330       15.17         11/17/94       G2133       75,260       38,820       36,440       18.22         11/17/94       G2134       70,260       43,810       26,450       13.23         11/18/94       G2135       72,740       39,250       33,490       16.75         11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/17/94	G2128	70,640	38,310	32,330	16.17
11/17/94       G2131       65,080       38,310       26,770       13.39         11/17/94       G2132       74,900       44,570       30,330       15.17         11/17/94       G2133       75,260       38,820       36,440       18.22         11/17/94       G2134       70,260       43,810       26,450       13.23         11/18/94       G2135       72,740       39,250       33,490       16.75         11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/17/94	G2129	75,100	43,810	31,290	15.65
11/17/94       G2132       74,900       44,570       30,330       15.17         11/17/94       G2133       75,260       38,820       36,440       18.22         11/17/94       G2134       70,260       43,810       26,450       13.23         11/18/94       G2135       72,740       39,250       33,490       16.75         11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/17/94	G2130	68,240	39,350	28,890	14.45
11/17/94       G2133       75,260       38,820       36,440       18.22         11/17/94       G2134       70,260       43,810       26,450       13.23         11/18/94       G2135       72,740       39,250       33,490       16.75         11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/17/94	G2131	65,080	38,310	26,770	13.39
11/17/94       G2134       70,260       43,810       26,450       13.23         11/18/94       G2135       72,740       39,250       33,490       16.75         11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/17/94	G2132	74,900	44,570	30,330	15.17
11/18/94       G2135       72,740       39,250       33,490       16.75         11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/17 <b>/</b> 94	G2133	75,260	38,820	36,440	18.22
11/18/94       G2136       66,220       43,870       22,350       11.18         11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/17/94	G2134	70,260	43,810	26,450	
11/18/94       G2137       66,140       44,330       21,810       10.91         11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/18/94	G2135	72,740	39,250	33,490	16.75
11/18/94       G2138       74,780       40,580       34,200       17.10         11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/18/94 ·	G2136	66,220	43,870	22,350	11.18
11/18/94       G2139       76,540       40,200       36,340       18.17         11/18/94       G2140       72,900       40,580       32,320       16.16         11/18/94       G2141       68,060       43,870       24,190       12.10	11/18/94	G2137	66,140	44,330	21,810	10.91
11/18/94 G2140 72,900 40,580 32,320 16.16 11/18/94 G2141 68,060 43,870 24,190 12.10	11/18/94	G2138	74,780	40,580	34,200	17.10
11/18/94 G2141 68,060 43,870 24,190 12.10	11/18/94	G2139	76,540	40,200	36,340	18.17
•	11/18/94	G2140	72,900	40,580	•	
11/18/94 G2142 76,060 44,330 31,730 15.87	11/18/94	G2141	68,060	43,870		
	11/18/94	G2142	76,060	44,330	31,730	15.87

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(Ib)	WEIGHT(ton)
11/18/94	G2143	73,860	43,870	29,990	15.00
11/18/94	G2144	76,460	39,630	36,830	18.42
11/18/94	G2145	81,800	40,200	41,600	20.80
11/18/94	G2146	72,580	43,870	28,710	14.36
11/19/94	G2147	70,940	39,010	31,930	15.97
11/19/94	G2148	75,380	39,590	35,790	17.90
11/19/94	G2149	67,980	30,840	37,140	18.57
11/19/94	G2150	66,580	30,520	36,060	18.03
11/19/94	G2151	70,180	33,380	36,800	18.40
11/19/94	G2152	74,280	32,500	41,780	20.89
11/19/94	G2153	76,240	44,700	31,540	15.77
11/19/94	G2154	70,860	34,400	36,460	18.23
11/19/94	G2155	71,140	33,500	37,640	18.82
11/19/94	G2156	72,720	31,780	40,940	20.47
11/19/94	G2157	73,140	44,700	28,440	14.22
11/19/94	G2158	72,720	32,060	40,660	20.33
11/19/94	G2159	70,380	32,940	37,440	18.72
11/19/94	G2160	71,580	32,700	38,880	19.44
11/19/94	G2161	74,160	44,260	29,900	14.95°
11/19/94	G2162	78,720	39,230	39,490	19.75
11/21/94	G2163	79,420	40,580	38,840	19.42
11/21/94	G2164	75,360	40,180	35,180	17.59
11/21/94	G2165	72,640	39,630	33,010	16.51
11/21/94	G2166	74,460	39,230	35,230	17.62
11/21/94	G2167	83,940	40,580	43,360	21.68
11/21/94	G2168	77,680	39,230	38,450	19.23
11/22/94	G2169	76,800	46,430	30,370	15.19
11/22/94	G2170	75,320	39,310	36,010	18.01
11/22/94	G2171	73,220	38,870	34,350	17.18
11/22/94	G2172	76,400	46,430	29,970	14.99
11/22/94	G2173	74,800	39,820	34,980	17.49
11/22/94	G2174	70,440	38,870	31,570	15.79
11/22/94	G2175	73,480	46,430	27,050	13.53
11/22/94	G2176	77,780	39,310	38,470	19.24
11/22/94	G2177	81,880	38,870	43,010	21.51
11/22/94	G2178	80,840	46,430	34,410	17.21
11/22/94	G2179	77,260	39,310	37,950	18.98
11/23/94	G2180	73,120	39,330	33,790	16.90
11/23/94	G2181	69,380	39,630	29,750	14.88
11/23/94	G2182	75,000	39,630	35,370	17.69
11/23/94	G2183	73,480	39,330	34,150	17.08
11/28/94	G2184	73,640	40,420	33,220	16.61
11/28/94	G2185	77,020	39,580	37,440	18.72

DATE SHIPPED	MANIFEST	GROSS	TARE	NET	NET
<u>3617725</u> 11/28/94	NUMBER C2186	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
11/28/94	G2186 G2187	73,520	39,470	34,050	17.03
11/28/94	G2188	79,320	39,070	40,250	20.13
11/28/94	G2189	68,020	39,470	28,550	14.28
11/28/94	G2189 G2190	71,020	45,970	25,050	12.53
11/29/94	G2190 G2191	74,220	39,070	35,150	17.58
11/29/94	G2191 G2192	68,640 76.360	39,200	29,440	14.72
11/29/94	G2193	76,360 69,820	39,590 46,070	36,770	18.39
11/29/94	G2194	69,860	46,070	23,750	11.88
11/29/94	G2195	72,680	39,200 39,590	30,660	15.33
11/29/94	G2196	74,840	46,070	33,090	16.55
11/29/94	G2197	70,480	38,690	28,770 31 700	14.39
11/29/94	G2198	74,340	40,100	31,790 34,240	15.90
11/29/94	G2199	72,040	46,070	25,970	17.12
11/30/94	G2200	73,500	39,590	23,970 33,910	12.99
11/30/94	G2201	75,780	39,050	36,730	16.96
11/30/94	G2202	71,580	43,770	27,810	18.37 13.91
11/30/94	G2203	80,240	39,590	40,650	
11/30/94	G2204	70,640	39,050	31,590	20.33 15.80
11/30/94	G2205	71,720	43,770	27,950	13.98
11/30/94	G2206	72,300	39,590	32,710	16.36
11/30/94	G2207	72,040	39,050	32,990	16.50
11/30/94	G2208	68,860	43,770	25,090	12.55
11/30/94	G2209	72,420	39,590	32,830	16.42
12/01/94	G2210	75,540	38,750	36,790	18.40
12/01/94	G2211	73,480	39,630	33,850	16.93
12/01/94	G2212	72,140	38,750	33,390	16.70
12/01/94	G2213	65,080	39,630	25,450	12.73
12/01/94	G2214	70,360	38,750	31,610	15.81
12/05/94	G2215	75,560	45,950	29,610	14.81
12/05/94	G2216	71,560	38,670	32,890	16.45
12/05/94	G2217	69,920	45,950	23,970	11.99
12/05/94	G2218	75,200	38,670	36,530	18.27
12/05/94	G2219	78,680	39,330	39,350	19.68
12/05/94	G2220	76,720	45,950	30,770	15.39
12/05/94	G2221	71,880	38,670	33,210	16.61
12/05/94	G2222	75,060	39,330	35,730	17.87
12/06/94	G2223	79,800	38,450	41,350	20.68
12/06/94	G2224	73,160	39,630	33,530	16.77
12/06/94	G2225	76,060	46,230	29,830	14.92
12/06/94	G2226	70,840	38,450	32,390	16.20
12/06/94	G2227	74,020	39,630	34,390	17.20
12/06/94	G2228	72,320	46,230	26,090	13.05

### ROSE CHEMICALS SITE WASTE DISPOSAL LEDGER USPCI GRAYBACK MOUNTAIN LANDFILL (TSCA)

DATE	MANIFEST	GROSS	TARE	NET	NET
<u>SHIPPED</u>	<u>NUMBER</u>	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(lb)	WEIGHT(ton)
12/07/94	G2229	78,840	39,310	39,530	19.77
12/07/94	G2230	76,660	39,350	37,310	18.66
12/07/94	G2231	75,240	39,350	35,890	17.95
12/07/94	G2232	78,800	39,310	39,490	19.75
12/07/94	G2233	73,680	39,210	34,470	17.24
12/08/94	G2234	72,640	38,970	33,670	16.84
12/08/94	G2235	78,060	39,590	38,470	19.24
12/08/94	G2236	81,680	38,970	42,710	21.36
12/08/94	G2237	75,340	39,590	35,750	17.88
12/08/94	G2238	74,520	38,970	35,550	17.78
12/08/94	G2239	78,520	39,590	38,930	19.47
12/08/94	G2240	78,780	39,310	39,470	19.74
12/08/94	G2241	79,740	39,590	40,150	20.08
12/09/94	G2242	78,940	39,290	39,650	19.83
12/09/94	G2243	72,860	38,690	34,170	17.09
12/09/94	G2244	78,520	41,740	36,780	18.39
12/09/94	G2245	76,020	38,740	37,280	18.64
12/09/94	G2246	75,400	38,690	36,710	18.36
12/09/94	G2247	78,540	39,290	39,250	19.63
12/09/94	G2248	68,280	38,690	29,590	14.80
12/10/94	G2249	68,980	38,550	30,430	15.22
12/10/94	G2250	70,980	38,550	32,430	16.22
12/10/94	G2251	78,340	40,220	38,120	19.06
12/10/94	G2252	79,720	39,500	40,220	20.11
12/10/94	G2253	68,840	40,220	28,620	14.31
12/10/94	G2254	70,260	39,500	30,760	15.38
12/10/94	G2255	71,360	40,220	31,140	15.57
12/12/94	G2256	71,580	38,610	32,970	16.49
12/12/94	G2257	75,220	39,590	35,630	17.82
12/12/94	G2258	69,680	38,610	31,070	15.54
12/12/94	G2259	73,580	39,590	33,990	17.00
12/12/94	G2260	74,120	39,560	34,560	17.28
12/12/94	G2261	69,960	40,540	29,420	14.71
12/13/94	G2262	68,540	32,500	36,040	18.02
12/13/94	G2263	68,520	33,200	35,320	17.66
12/13/94	G2264	67,520	33,740	33,780	16.89
12/13/94	G2265	67,140	33,080	34,060	17.03
12/13/94	G2266	67,920	32,620	35,300	17.65
12/13/94	G2267	66,620	31,140	35,480	17.74
12/13/94	G2268	67,700	32,640	35,060	17.53
12/13/94	G2269	70,660	35,220	35,440	17.72
12/13/94	G2270	68,360	33,700	34,660	17.33
12/13/94	G2271	70,200	34,320	35,880	17.94

### ROSE CHEMICALS SITE WASTE DISPOSAL LEDGER USPCI GRAYBACK MOUNTAIN LANDFILL (TSCA)

DATE	MANIFEST	GROSS	TARE	NET	NET
SHIPPED	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(ton)
12/14/94	G2272	72,580	33,980	38,600	19.30
12/14/94	G2273	76,940	31,120	45,820	22.91
12/14/94	G2274	79,340	32,260	47,080	23.54
12/14/94	G2275	78,280	33,460	44,820	22.41
12/14/94	G2276	72,120	30,980	41,140	20.57
12/14/94	G2277	69,960	30,780	39,180	19.59
12/14/94	G2278	71,780	33,680	38,100	19.05
12/14/94	G2279	68,280	33,700	34,580	17.29
12/14/94	G2280	70,300	31,700	38,600	19.30
12/15/94	G2281	75,060	34,220	40,840	20.42
12/15/94	G2282	67,200	30,100	37,100	18.55
12/15/94	G2283	71,480	31,200	40,280	20.14
12/15/94	G2284	77,580	31,140	46,440	23.22
12/16/94	G2285	75,740	32,240	43,500	21.75
12/16/94	G2286	68,760	32,620	36,140	18.07
12/16/94	G2287	69,100	32,720	36,380	18.19
12/16/94	G2288	66,540	32,160	34,380	17.19
12/16/94	G2289	68,260	33,560	34,700	17.35
12/16/94	G2290	68,140	33,860	34,280	17.14
12/16/94	G2291	68,480	33,560	34,920	17.46
12/17/94	G2292	68,900	33,640	35,260	17.63
12/17/94	G2293	67,180	31,500	35,680	17.84
12/17/94	G2294	65,520	32,840	32,680	16.34
12/17/94	G2295	67,500	31,000	36,500	18.25
12/19/94	G2296	71,960	30,440	41,520	20.76
12/19/94	G2297	69,080	30,100	38,980	19.49
12/19/94	G2298	70,820	31,340	39,480	19.74
12/19/94	G2299	73,300	34,000	39,300	19.65
12/19/94	G2300	74,620	33,960	40,660	20.33
12/19/94	G2301	65,240	30,760	34,480	17.24
12/19/94	G2302	74,280	38,950	35,330	17.67
12/19/94	G2303	79,480	41,430	38,050	19.03
12/19/94	G2304	75,580	38,950	36,630	18.32
12/19/94	G2305	74,900	44,020	30,880	15.44
12/19/94	G2306	76,120	41,430	34,690	17.35
12/19/94	G2307	77,220	39,900	37,320	18.66
12/19/94	G2308	77,920	44,020	33,900	16.95
12/19/94	G2309	81,640	42,380	39,260	19.63
12/20/94	G2310	70,040	38,970	31,070	15.54
12/20/94	G2311	72,160	41,330	30,830	15.42
12/20/94	G2312	68,780	43,340	25,440	12.72
12/20/94	G2313	72,820	39,920	32,900	16.45
12/20/94	G2314	77,500	41,840	35,660	17.83

#### ROSE CHEMICALS SITE WASTE DISPOSAL LEDGER USPCI GRAYBACK MOUNTAIN LANDFILL (TSCA)

DATE	MANIFEST	GROSS	TARE	NET	NET
<u>SHIPPED</u>	<u>NUMBER</u>	WEIGHT(Ib)	WEIGHT(Ib)	WEIGHT(lb)	WEIGHT(ton)
12/20/94	G2315	74,220	43,340	30,880	. 15.44
12/20/94	G2316	70,840	38,970	31,870	15.94
12/20/94	G2317	77,140	41,330	35,810	17.91
12/20/94	G2318	72,620	44,290	28,330	14.17
12/20/94	G2319	75,420	38,970	36,450	18.23
12/20/94	G2320	71,040	41,330	29,710	14.86
12/20/94	G2321	77,820	43,850	33,970	16.99
12/20/94	G2322	82,980	38,970	44,010	22.01
12/21/94	G2323	70,040	38,930	31,110	15.56
12/21/94	G2324	73,040	41,290	31,750	15.88
12/21/94	G2325	72,360	39,440	32,920	16.46
01/03/95	G2326	60,960	41,110	19,850	9.93
01/03/95	G2327	83,440	39,790	43,650	21.83
01/03/95	G2328	83,260	41,110	42,150	21.08
01/03/95	G2329	71,560	39,790	31,770	15.89
01/03/95	G2330	79,120	41,110	38,010	19.01
01/03/95	G2331	75,920	39,790	36,130	18.07
01/09/95	G2333	64,640	39,920	24,720	12.36
01/20/95	G2332	77,420	40,160	37,260	18.63
01/20/95	G2334	72,900	39,210	33,690	16.85
01/21/95	G2335	79,120	39,660	39,460	19.73
01/21/95	G2336	78,100	40,290	37,810	18.91
01/21/95	G2337	80,800	39,150	41,650	20.83
01/21/95	G2338	82,660	41,080	41,580	20.79
01/21/95	G2339	75,940	40,010	35,930	17.97
01/21/95	G2340	79,000	39,150	39,850	19.93
01/23/95	G2341	72,820	38,990	33,830	16.92
01/23/95	G2342	72,240	38,990	33,250	16.63
01/23/95	G2343	78,180	38,990	39,190	19.60
01/24/95	G2344	78,080	40,340	37,740	18.87
01/24/95	G2345	40,600	33,230	7,370	3.69
01/24/95	G2346	65,320	40,340	24,980	<u>12.49</u>
TOTAL		•	•		30,266.20

GRAYBACK.WB1 09/22/95

# ATTACHMENT 3 MONITORING WELL RECORDS



MISSOURI DEPARTMENT OF NATURAL RESOURCES DIVISION OF GEOLOGY AND LAND SLIPVEY

OFFICE USE ONLY	DATE RECEIVED
121864	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3
ACCOUNTY BY	DATE 40000160

LAND SURVEY			STATE WE	STATE WELL NUMBER		CROSS REFERENCE NO.		
MONITORING WELL		CHECKED	BY	ENTERED Ph 1 Ph 2 Ph 1		Ph 2		
		APPROVE	BY	DATE AF	PPROVED			
	SUPPL	ED BY OWNER						
SITE NAME	, 7	Doga Ch	 احمد د		WELL NUMBER	_212		
Marth	19 k	Rose Chr	<u>mical</u>	YTK	<u> </u>	-212	STATE	ZIP CODE
Highussy	13	1 Horth		Hol	den	<u>:</u>	MO TELEPHONE	6-10-10
Clear	<u> </u>	ides					703/	739-1279
ADDRESS	Fair	Cov 51. 5	vite 400	ντκ Δ	evandria		STATE VA	ZIP CODE 22314
		ED BY MONITORI						1 67 6 AW17
<del></del>						O THE MEN	. 100: 1:0:0:0 4:0 5:0	IGE ON ALL ROADS TRAVELED
LOCATION OF V SHOW LOCATION	IN AEFT		2 <u>166∕71</u> үтиц могт	<u> </u>	FROM NEAREST TOWNS OF	HIGHWAYS	1 1	The on ALL HOMES THANKED
SECTION PLAT			NO		·		Fillsy	ille (
	ALLEST %		LARGE	ST¥	)		-  8.	Zmiles
	<u>حب "</u>	_sw_ s	1					
		TWN. 45		<b>*</b> € OR 60	· · · · · · · · · · · · · · · · · · ·	Ref.e Chem		
	•			_	2nd Ave			
		CO - LONG. 94			L. Go ANE	<u> </u>		
_	<del>~+</del>	EMETERONE MOOF	crek	100	Seel with		TRACTOR'S N	
	<u> </u>	čin			ppen it is		ine Geo	Sciences, Inc.
						DRIL	LING CONTRA	CTOR'S
	NOTE	: Record the traction of a foot in decimal, not in inches.	<u></u>	LOCKING CA	P - (Circle one)	NAME		
		Top of Ricer Elevation:	<u> </u>	CAP YERT -	(N)Circle one)	Lau	ne-wal	cco
		Elevation:	TF	PROTECTIVE	CASING		FINSTALLATION	
				Sizec (n	inh		OVE GROUND	☐ FLUSH MOUNT
Ground Surface Feet from Description of Elivation: FUSWface Formation  Ground Surface Formation  Ground Static WATER LEVEL  STATIC WATER LEVEL								
Information in	SINTACE	Formation		WEEP HOLE	- Y / (ii) (Circle one)	5.	ר FEET FR	IOM MEASURING POINT
this column to be supplied in					▼	DATE O	F STATIC WATER LET	
the Feet from Surface column				[		ELEVAT	ON OF MEASURING	, 195
•				Тура;	CITIVE CASING SEAL			
Ç	]			RISER	Coment Sturry PIPE		RING POINT IS OP OF RISER PIP	E
Depth to bottom of Protective Casing Seet:	.5			Longo	5 ft.	1.5	HER	
		0-12.5 fl.		Diame			IG EQUIPMENT:	
		dork brown		Type	of Material: 51 337 655	-   L. Alf	R ROTARY D	AUGER TYPE
•	].	silly cby			EHOLE 8 In		VERSE	٠.
		, 7			AR SEAL	1 1	OTARY L	OTHER
				[	Bentonite Sturry Coment Sturry		S, AT	ft.
					Non Sturry Bentonite ONITE SEAL	1 1 =	STAINLESS STEE	L
Depth to Base of Annular Seat	.5			Type:	2 Bentonile Sturry Non Sturry Bentonile	ONO	OTHER	
A. William GARE					of SeetPt.		LE CASED WELLS	
Depth to Base of	ا _ ا			SECO	DARY FILTER PACK DESand (Optional)			AL AS BUILT DIAGRAM DISTRUCTION DETAILS
Bentonite Seat Depth to Base	1.5				[] Manufactured	INCL	UDING TYPE AN	ID SIZE OF ALL CASING,
of Secondary Filter Pack:	2				Grain Steet # O GA	l		ND GROUT USED.
Depth to Top of the Screen	25				ARY FILTER PACK	DATEW	AUA. 9,	NWAS COMPLETED
<u> </u>				1	☐ Manufactured		EBY CERTIFY TH	AT THE MONITORING WELL
	]				Grain Steet #1 GA etc 10:5 ft.	ACCC	ORDANCE WITH T	WAS CONSTRUCTED IN HE DEPARTMENT OF NAT-
			<b> </b>	WELL	SCREEN	CONS	STRUCTION OF M	EQUIREMENTS FOR THE ONITORING WELLS.
Depth to Bottom of	12				ngth: 10 Cl. 18tens: 10	BIOWAT	LABE (MONLOBING	MEUL CONTRACTOR)
the Screen:	14			11/2	e stainles steel	PERM	(Cunh) (	DATE / G
					DETAILS In .5 FL	COZ	603WM	6/0/95
Plug Back <u>Total Dopth</u>	12.5			Dlame	Nor: Z. In.	SIGNA	PUBE (DRILLING COL	VTR (CTOR)
Original Total Depth	12.5				Slawhad Simi	PERMIT	T NUMBER A D	2 DATE 10.05
						- 1 <i>(</i> 20)	メムこつ カメタ	11 12 1005

MO 780-1415 (2-04)

AND SAN

MISSOURI DEPARTMENT OF

•	The second secon
OFFICE USE ONLY	DATE RECEIVED
REF. NO. 121859"	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 2 Ph 3
APPROVED BY	DATE APPROVED

NATURAL RESOURCES	ROUTE	TRANSMITTAL NO.	
DIVISION OF GEOLOGY AND	STATE WELL NUMBER	CROSS REFERENCE NO.	
MONITORING WELL	CHECKED BY	ENTERED	
CERTIFICATION RECORD	APPROVED BY	Ph 1 Ph 2 Ph 3  DATE APPROVED	
INFORMATION SUPPLIED BY OWNER			
SITE NAME	WELL NUMBER		
Martha Rose Chemicals	<u> </u>	213	
BITE ADDRESS  Con Highway 131 North	11.11	STATE ZIP CODE	
NAME 3 131 NOCTO	Holden	TELEPHONE CHOCHO	
Clean Sites	·	703/739-1279	
ADDRESS 1199 N. Fair Pax St. Suite 400	" Alexandria	STATE ZIP CODE	
111. 191 201 201 201		1-VA   22314.	
INFORMATION SUPPLIED BY MONITORING WELL CON			
LOCATION OF WELL COUNTY Madis	SKETCH THE LOCATION TO FROM NEAREST TOWNS OR H	THE WELL INCLUDING MILEAGE ON ALL ROADS TRAVELED IGHWAYS	
SECTION PLAT ELEVATION	<del></del>	M PHISVILE	
[ <del>1] [1] [</del>		8.2 mles	
LARGES LARGES		Rose	
HITT NO " SE " NE	_*	Chem.	
SEC. 10 TWN. 45 N.RNG. 28	_ EORW)	2nd Ave	
LAT. 28 . 43 . 15 . LONG. 94 . 59 . 5	<u>o</u>   ' '		
DESCRIBE LOCATION OF THE WELL SO WE WOULD BE ABLE TO VISIT	rit .	MONITORING WELL INSTALLATION	
170 feet booth of creek		CONTRACTOR'S NAME	
20 feet wast of lear	<u>e</u>	Loune GeoSciences, Inc.	
		DRILLING CONTRACTOR'S	
NOTE: Record the fraction of a foot in decimal, not in Inches.	OCKING CAP (Y) N (Circle one)	NAME	
	AP VENT - Y (N) Circle one)		
Elevation: P	ROTECTIVE CASING	Loune - Worldon "	
1 11 1	sex to inch	☑ ABOVE GROUND ☐ FLUSH MOUNT	
	Sore Hole Diameter: 8	STATIC WATER LEVEL	
Envation: Ft Surface Fermation   WEEP HOLE - Y / 1) (Circle one)   G.O.S FEET FROM MEASURING POINT			
this column to be supplied in		DATE OF STATIC WATER LEVEL"	
the Feet from		Jan. 6, 1995	
	PROTECTIVE CASING SEAL	ELEVATION OF MEASURING POINT	
	Type: Concrete	MEASURING POINT IS	
Depth to bottom	RISER PIPE	TOP OF RISER PIPE	
di Protective Casing Seet	Diemeter: Z inch	OTHER	
0-13.50		DRILLING EQUIPMENT  AIR ROTARY X AUGER	
Jank brown Silty clay	Type of Meterial Stoin Store	TYPE	
Silty clay	BOREHOLE 8 in.	REVERSE OTHER	
	ANNULAN SEAL Type: PS Benforms Slurry	CENTRALIZERS USED	
	☐ Cornent Slurry	YES AT 10.5 FT.	
	Hon Skurry Bentonite BENTOMTE SEAL	STAINLESS STEEL	
Depth to Base 65	Type: 2 Bertonite Starry	□ OTHER	
Depth to Base of Annular Seat 6.5	Non Sturry Bentonile	MULTIPLE CASED WELLS	
	SECONDARY FILTER PACK	SUBMIT ADDITIONAL AS BUILT DIAGRAM	
Depth to Base of Bentosito Seat	Type: Sand (Optional)	SHOWING WELL CONSTRUCTION DETAILS INCLUDING TYPE AND SIZE OF ALL CASING,	
Depth in Base	Green Store #4 () (A	HOLE DIAMETERS, AND GROUT USED.	
Filter Packs 1.5	PRIMARY FILTER PACK	DATE WELL CONSTRUCTION WAS COMPLETED	
of the Screen 8	Type: [XSeed	Aug. 9, 1995	
	A SUCA	I HEREBY CERTIFY THAT THE MONITORING WELL HEREIN DESCRIBED WAS CONSTRUCTED IN	
	Length: 5.5 (1	ACCORDANCE WITH THE DEPARTMENT OF NAT- URAL RESOURCES REQUIREMENTS FOR THE	
\	WELL SCREEN	CONSTRUCTION OF MONITORING WELLS.	
Depth to Betteen of the Servers 13	Langet: 5 (1) Stat Steer ID	SIGNATURE (MONITORING WELL CONTRACTORI)	
the Screek 13	Type stainless strat	PERMITYNUMBER DATE	
	SUMP DETAILS Longtle , 5 FL	002003Wm 6/13/95	
Plug Back Total Depth: \3.5	Diameters Z in.	BIGNATURE (DRILLING CONTRACTOR)	
Original 13.5	Type: 3/2/2/23 5/170	PERMIT NUMBER A DATE	

MO 780-1415 (2-04)

DISTRIBUTION: WHITE/DIVISION CANARY/MONITORING WELL CONTRACTOR PINK/OWNER MAIL WHITE COPY TO: DEPARTMENT OF NATURAL RESOURCES, P.O. BOX 250, ROLLA, MO 85401

ENCLOSE \$35 PER MONITORING WELL FOR THE CERTIFICATION FEE WITHIN 80 DAYS AFTER WELL COMPLETION

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<b>SELECT</b>
AND THE STATE OF T

MISSOURI DEPARTMENT OF NATURAL RESOURCES

OFFICE USE ONLY	DATE RECEIVED
REF. NO. 121861	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3
APPROVED BY	DATE APPROVED

DIVISION OF GEOLOGY AND	STATE WELL NUMBER	CROSS REFERENCE NO.	
MONITORING WELL	CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3	
CERTIFICATION RECORD	APPROVED BY	DATE APPROVED	
INFORMATION SUPPLIED BY OWNER	14471		
Martha Rose Chemicals	WELL NUMBER	J-214	
Highway 131 North	Holden	STATE ZIP CODE  MO TELEPHONE	
Clean Sites		703/739-1279	
ADDRESS 1199 N FRICGEX St. Suite 400 GT	"Alexandria	STATE ZIPCODE 22314	
INFORMATION SUPPLIED BY MONITORING WELL CON	ITRACTOR		
LOCATION OF WELL COUNTY Modic	OO SKETCH THE LOCATION TO FROM NEAREST TOWNS OR H	THE WELL INCLUDING MILEAGE ON ALL ROADS TRAVELED GHWAYS	
SECTION PLAT ELEVATION		8.2 miles	
SMALLEST % LARGES	т ч	Rose and	
HITH NE " NE " SE" NE		Chem.	
sec. 10 twn. 45 n.rng. 29	_ EOR®	2nd Ave	
	<u>o</u> -		
DESCRIBE LOCATION OF THE WELL SO WE WOULD BE ABLE TO VISIT	20 (1 north	MONITORING WELL INSTALLATION CONTRACTOR'S NAME	
	rest server	Layre Geosciences, Inc.	
		DRILLING CONTRACTOR'S	
· · · · · · · · · · · · · · · · · · ·	OCKING CAP - (2)/ M (Circle one)	NAME	
Elevation:	CAP VENT - Y /A (Circle one) PROTECTIVE CASING	Lane-Welcon Type of installation	
	Type: Street	ABOVE GROUND,   FLUSH MOUNT	
Contract   Lear warm   Describition of	Bore Hole Diameter: 8	STATIC WATER LEVEL	
Bewaton: Fi Surface Fermation Information in this column to	WEEP HOLE- Y // N (Cacas ons)	ういつ FEET FROM MEASURING POINT	
be supplied in the Feet from		DATE OF STATIC WATER LEVEL	
Surface column	PROTECTIVE CASING SEAL	ELEVATION OF MEASURING POINT	
	Type: Concrete	MEASURING POINT IS	
Cupili to bottom of Protective Casting Seet	RISER PIPE	OTHER	
0-5 (44)	Diameter: 2 Inch Type of Material: Springless	DRILLING EQUIPMENT X AUGER	
dark trans	BOREHOLE	TYPE	
31113 2113	DIAMETER: In.	REVERSE OTHER	
Depth to Base of Annulor Seat	Type; (2) Bentonite Sturry  Coment Sturry	CENTRALIZERS USED : 5	
	Non Stury Bentonite	STAINLESS STEEL	
Depth to Base of Annulus Seat	Type: Bentonite Starry Non Starry Bentonite	OTHER	
of Annulus Seat	Length of Seet1.5_Ft.	MULTIPLE CASED WELLS. SUBMIT ADDITIONAL AS BUILT DIAGRAM	
Dopta to Base of Bentonite Seat	SECONDARY FILTER PACK Type: Sand (Optional)	SHOWING WELL CONSTRUCTION DETAILS	
Depth to Base	Grain Stee: #O GA	INCLUDING TYPE AND SIZE OF ALL CASING, HOLE DIAMETERS, AND GROUT USED.	
Depth to Top 7	PRIMARY FILTER PACK	DATE WELL CONSTRUCTION WAS COMPLETED	
of the Screen 2.3	Type: ⊠Send  ☐ Manufactured	I HEREBY CERTIFY THAT THE MONITORING WELL	
	Grain Stor. #1 GA	HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NAT-	
Destit to	WELL SCREEN	URAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.	
Bettem of the Screen: 7.5	Slot Stat. 10	SIGNATURE (MONIFORMED WELL CONTRACTOR)	
	SUMP DETAILS	PERMITYNUMBER DATE /13/95	
Plug Back Total Depth 9	Longth: 15 Ft. Diamotor: Z In.	SIGNATURE (ORILLING CONTRACTOR)	
Original 7	Type Stainbas strol	PERMIT NUMBER A DATE	

MO 780-1415 (2-84) and the second

DISTRIBUTION: WHITE/DIVISION CANARY/MONITORING WELL CONTRACTOR: PINKOWNER

MAIL WHITE COPY TO: DEPARTMENT OF NATURAL RESOURCES, P.O. BOX 256, ROLLA; MO 68401:

ENCLOSE \$35 PER MONITORING WELL FOR THE CERTIFICATION FEE WITHIN 80 DAYS AFTER WELL COMPLETION



MISSOURI DEPARTMENT NATURAL RESOURCES MISSOURI DEPARTMENT OF

OFFICE USE ONLY	DATE RECEIVED
REF. NO. 121862	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTEREO Ph 1 Ph 2 Ph 3
APPROVED BY	Ph 1 Ph 2 Ph 3 DATE APPROVED

DIVISION OF GEOLOGY AND LAND SURVEY	STATE WELL NUMBER	CROSS REFERENCE NO.		
MONITORING WELL	CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3		
CERTIFICATION RECORD	APPROVED BY	DATE APPROVED		
INFORMATION SUPPLIED BY OWNER	· WELL NUMBER			
Martha Rose Chemicals	- (mu)	215		
	"Ithen	STATE. ZIP CODE  CYDYIO  TELEPHONE		
Clean Silve		703/739-1271		
1197 N. FricGy St. Suite (100)	Alexandria	STATE ZIP CODE 7Z-314		
INFORMATION SUPPLIED BY MONITORING WELL CO		1 7/1 22317		
LOCATION OF WELL SHOW LOCATION IN SECTION PLAT  AREA NO.		FT Patricile		
SMALLEST W LARGE	. 1 . 1	Krise Chem		
sec. 10 Twn. 45 N.RNG. 28	_ EOR®	muzzy Znd Ave		
LAT. 38 . 43 . 00 - LONG 94 . 57 . 4				
DESCRIBE LOCATION OF THE WELL SO WE WOULD BE ABLE TO VISI	7 (1 ) 11 - (	MONITORING WELL INSTALLATION		
driveway 100 14 well of	Huy 131 170 00	Loure Geosciences. Inc		
· · · · · · · · · · · · · · · · · · ·		DRILLING CONTRACTOR'S		
NOTE: Record the traction of a lost in decimal, not in Inches.	LOCKING CAP - (7) N (Circle one)	NAME		
Top of Riser Elevation:	CAP VENT - Y / (1 ) Eircle one) PROTECTIVE CASING	Layne-Western		
	Type: =\rc\	TYPE OF INSTALLATION ABOVE GROUND FLUSH MOUNT		
Ground Surface Feet from Description of	Strat: (a in Bore Hole Diameter: & in	STATIC WATER LEVEL		
Elevation: Ft Surface Fermation	WEEP HOLE - Y N (Circle one)	5.40 FEET FROM MEASURING POINT		
this column to be supplied in		DATE OF STATIC WATER LEVEL		
the Feet from Surface column		Jan , 6, 195 ELEVATION OF MEASURING POINT		
	PROTECTIVE CASING SEAL Type: Concrete Concrete			
Depth to bottom	RISER PIPE /	MEASURING POINT IS TOP OF RISER PIPE		
d Protective Casing Seet 1.5	Length: 5 (+	OTHER		
O-7.7 41,	Type of Material St. 1-1-2	DRILLING EQUIPMENT  AIR ROTARY XAUGER		
dark promu	BOREFOLE 8 In.	TYPE		
Silly clay	DIAMETER: O In.	REVERSE		
	Type: Sentonite Sturry Cornent Sturry	CENTRALIZERS USED 5 CT		
	Non Slurry Bentonite	STAINLESS STEEL		
Depth to Base of America Seat	BENTONITE SEAL Type: 2 Bertonile Starry	OTHER		
of Annulor Seat	☐ Non Sturry Bentonite Length of Seet. 1, 5 FL	MULTIPLE CASED WELLS		
of Armeler Seat	SECONDARY FILTER PACK	SUBMIT ADDITIONAL AS BUILT DIAGRAM		
Depth to Base of 1.5 State of 1		SHOWING WELL CONSTRUCTION-DETAILS INCLUDING TYPE AND SIZE OF ALL CASING,		
Depth to Bese of Secondary Filter Pacit:	Grain Steet #1() 6A Length: ,5 1+	HOLE DIAMETERS, AND GROUT USED.		
Dopth to Top 2.5	PRIMARY FILTER PACK Type: Sand	Aug : 10 , 1914		
	□ Menulactured Grain Stear  □ CΔ	I HEREBY CERTIFY THAT THE MONITORING WELL HEREIN DESCRIBED WAS CONSTRUCTED IN		
	Langtic 5.5 CL	ACCORDANCE WITH THE DEPARTMENT OF NAT- URAL RESOURCES REQUIREMENTS FOR THE		
Depth to	WELL SCREEN C1-	CONSTRUCTION OF MONITORING WELLS		
Bettom of the Screen:	Stot State 10 Type: Thinkess shell	SIGNATURE (NOW ORING WELL PONTRACTOR)		
	SUMP DETAILS	PERMIT NUMBER DATE / 15/8		
Plug Back Total Depth: 7,5	Longth: ,5 Ft. Diameter: Z in.	BIGNATURE (DRILLING CONTRACTOR)		
Original 77.5	Type Stainless Strel	PERMIT NUMBER 2 DATE 22		
14/88 Kahard	TYPE OF BACKFILL:	PERMIT NUMBER		

MO 780-1415 (2-94)

:

DISTRIBUTION: WHITE/DIVISION CANARY/MONITORING WELL CONTRACTOR PINK/OWNER

MAIL WHITE COPY TO: DÉPARTMENT OF NATURAL RESOURCES, P.O. BOX 250, ROLLA, MO 65401

ENCLOSE \$35 PER MONITORING WELL FOR THE CERTIFICATION FEE WITHIN 60 DAYS AFTER WELL COMPLETION

MISSOURI DEPARTMENT OF

OFFICE USE ONLY	DATE RECEIVED
T21863	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3
APPROVED BY	DATE APPROVED

HILLIAM IN

DIVISION OF GEOLOGY AND SUPPLIED BY MONTORING WELL CERTIFICATION RECORD  INFORMATION SUPPLIED BY OWNER  THE SAME  TH	, ( _)(),(),(),(),(),()		RESOURCES			ROUTE			TRANSM	HTTAL NO.	
MONITORING WELL CERTIFICATION RECORD  MPGRAATION SUPPLIED BY OWNER  MPGRAATION SUPPLIED BY OWNER  MPGRAATION SUPPLIED BY OWNER  MPGRAATION SUPPLIED BY MONITORING WELL CONTRACTOR  MPGRAATION SUPPLIED BY MONITORING WELL CONTRACTOR  MPGRAATION SUPPLIED BY MONITORING WELL CONTRACTOR  LOCATION OF WELL SOULDOATION WELL COCKNOWN  LANGEST W.  MPGRAATION SUPPLIED BY MONITORING WELL CONTRACTOR  LOCATION OF WELL SOULDOATION WELL COCKNOWN  LANGEST W.  MPGRAATION SUPPLIED BY MONITORING WELL CONTRACTOR  LOCATION OF WELL SOULDOATION WELL COCKNOWN  LANGEST W.  MICHIGAN  MONITORING WELL INSTALLATION  LOCATION OF WELL SOULDOATION WELL SOW WOULD BE ARLE TO YUSH'I TO  COMMITTED  MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WELL INSTALLATION  LOCATION OF THE WELL SOW WOULD BE ARLE TO YUSH'I TO  AND THE MONITORING WE			•		•	STATE	VELL NUM	BER .	CROSS F	REFERENCE NO.	
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MONITORING WELL INSTALLATION  LOCATION OF WELL  SHOULD BY MONITORING WELL CONTRACTOR  MONITORING WELL INSTALLATION  AREA NO.  LOCATION OF WELL  SHOULD BY MONITORING WELL CONTRACTOR  MONITORING WELL INSTALLATION  AREA NO.  LARGEST W  LOCATION OF WELL  SHOULD BY MONITORING WELL INSTALLATION  AREA NO.  LARGEST W  LOCATION OF WELL  SHOULD BY MONITORING WELL INSTALLATION  AREA NO.  LARGEST W  LOCATION OF WELL  SHOULD BY MONITORING WELL INSTALLATION  AREA NO.  LARGEST W  LOCATION OF MALES  TOWN ALS A NUMBER TOWN OF MALES OF WELL INSTALLATION  AREA NO.  LOCATION OF MALES  LOCATION OF MALES  TOWN ALS A NUMBER TOWN OF MALES OF WELL INSTALLATION  AREA NO.  LOCATION OF MALES WELL SO WE WOULD BE ARE TO VISIT IT  COMMITTED TOWN OF MALES OF WELL SO WE WOULD BE ARE TO VISIT IT  COMMITTED TOWN OF MALES OF WELL SO WE WOULD BE ARE TO VISIT IT  COMMITTED TOWN OF MALES OF WELL SO WE WOULD BE ARE TO VISIT IT  COMMITTED TOWN OF MALES OF WELL SO WE WOULD BE ARE TO VISIT IT  COMMITTED TOWN OF MALES OF WELL SO WE WOULD BE ARE TO VISIT IT  COMMITTED TOWN OF MALES OF WELL SO WE WOULD BE ARE TO VISIT IT  COMMITTED TOWN OF MALES OF WELL SO WE WOULD BE ARE TO VISIT IT  COMMITTED TOWN OF MALES OF WELL SO WELL SO WELL TOWN OF WELL SO	INFORMATION	SUPPL	ED BY OWNER			<u> </u>					
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Clear   Street   St	1 ·	٠. ١٠	albadia s		Cr	. Γ/°	مالما		. ,		
INFORMATION SUPPLIED BY MONITORING WELL COUNTY			. 1				NOEL	•		TELEPHONE	
INFORMATION SUPPLIED BY MONITORING WELL CONTRACTOR  SECTION PLAT  SECTIO			ites.	· .	l cr	TV			<u> </u>		
LOCATION OF WELL SIGN LOCATION N  ELEVATION  AREA NO.  BETCH THE LOCATION TO THE WELL INCLIDING MILLIAGE ON ALL ROCKS TWO AREA NO.  AREA NO.  AREA NO.  AREA NO.  BETCH THE LOCATION TO THE WELL INCLIDING MILLIANG ON ALL ROCKS TWO AREA NO.  AREA NO.  BETCH THE LOCATION OF THE WELL INCLIDING MILLIANG CONTRACTORS NAME  LOCATION OF THE WELL IN WE WOULD BE AREA TO VISIT IT  CO. DOTO  BOTTOM TO THE WELL IN OUT ALL THE CONTROL OF THE WELL IN OUT ALL THE CONTROL OF THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE OF THE CONTROL OF THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE CONTROL OF THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE CONTROL OF THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE CONTROL OF THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  THE BOOK CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  LOCKING CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  THE BOOK CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  THE BOOK CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  THE BOOK CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  THE BOOK CAP TO IT IN CITCLE ON THE WELL IN TALLATION CONTRACTOR'S NAME  THE BOOK CAP TO IT IN	1197 1	<u>1. Fa</u>	icles Stre		<u>Suize400</u>	<u>'A</u>	· Z P W) F	ria		1 11 1	
SECTION LAT  SECTI	INFORMATION	SUPPLI	IED BY MONITORI	NG W	ELL CON	ITRAC	TOR				
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DESCRIBE LOCATION OF THE WELL BO WE WOULD BE ABLE TO VISIT IT  OF A TOTAL CONTRACTOR'S NAME  LOCKING CAP OF I COCIO  DOTAL  DOTA			<u> </u>				7	2nd Ave			
Depth to Base of Benefits Seet	DESCRIBE LOCATI	ON OF TH	IE WELL SO WE WOULD	BE AB	LE TO VISI	T IT	<u> </u>	• 11			
DRILLING CONTRACTOR'S  NAME  CONTRACTOR'S  CONTRACTOR'S  NAME  CONTRACTOR'S  CONTRACTOR'S  CONTRACTOR'S  NAME  CONTRACTOR'S  CONTRACTOR'S  CONTRACTOR'S  CONTRACTOR'S  CONTRACTOR'S  CONTRACTOR'S  CONTRACTOR'S  CONTRACTOR'S  NAME  CONTRACTOR'S  CONTRAC		<u></u>	syp s. Cre	ek.	$\infty$	100	<u>+ v</u>	041P			
NAME   Concent based of the last of the								······································	ا اعر	The property	ces'Tuc
Born Hole Dismoster: 7 cch.   STATIC WATER LEVEL   Description of Farmerine   Description of Description of Parmerine   Description of Parmerine   Description of Parmerine   Description of Description o		NOTE	Top of Riser		( 	CAP VENT	Y (N) VE CASIN	ircle one)	NAME TYPE OF	ye, Inc.	
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Total Base of Annahr Seat   Cold Server of	Surface			<b>       </b>	_ · L					.17	Carlo Brada Balana da
be anoppled in the Feet from Surface column  Burface column  Depth to bottom  Gething Stark  O-12.5 C1.  Depth to bottom  Gething Stark  O-12.5 C1.  Depth to Base of Amender Seat  Depth		•									MEASURING POINT
PROTECTIVE CASING SEAL   Type:   Concrete	the Feet from		<b>開設</b>						DATEO	1	15.
Depth to Base of American Starty   Depth to Base of Sendourin Seat   Depth to Sendourin Seat	Surface column					PRO	TECTIVE (	CASING SEAL	ELEVAT	ION OF MEASURING POINT	
Depth to Base of Annulum Seat of Service Seat Seat Control Service Seat Seat Seat Seat Control Service Seat Seat Seat Seat Seat Seat Seat Sea	ļ,	1. 1				Typ	e: Con	rote . not Skury		A Company of the Company	
Depth to Base of Bestonite Sent 27  Depth to Base of 27	Depth to bottom of Protective							٠	🗵 то	POFRISER PIPE	ومصورا والمركو ووالسيك
Depth to Base of 2.17   Depth to Base of Secondary   Depth to Secondary   Depth	Cesting Seet:		0-125 (1								1 78
BOREHOLE S IN REVERSE ROTARY OTHER    Cameric Starry			,	3 1						R ROTARY : D AUG	GER
Depth to Base of Ameular Seat   Depth to Base of Seat   Dept			Silly clau		<b>_</b>				⊠ RE		<b>*E</b>
Comment Sturry   Non Sturry Bentonite   StainLess Steel   Other   Ot			ا د ۱				<u> </u>	L .		DTARY D OTI	HER
Depth to Base of Annular Seat: 24 3 C STAINLESS STEEL    Depth to Base of Annular Seat: 27   Secondary Filter Pack   Type: Secondary Filter Pack   Secondary Filter Pack   Secondary Filter Pack   Showing Well Construction Details   Including Type And Size of All Casing, Hole Diameters of Secondary Filter Pack   Type: Sand   Construction Was Completed   Construction Was Construction Was Completed   Construction Was Constructed   Construction Office Was Constructed   Constructed   Construction Office Was Constructed   Construction Office Was Constructed   Construction Office Was Constructed   Constructed   Construction Office Was Constructed   Construction Office Was Constructed   Construction Office Was Constructed   Constructed   Construction Office Was Constructed   Construction Office Was Constructed   Construction Office Was Constructed   Constructed   Constructed   Constructed   Constructed   Constructed   C						Тур			CENTR	ALIZERS USED	45) <b>E</b>
Depth to Base of Anouther Seat: 24 37 Shall be set on the Story   Non Shirry Bertonite Story   Non Shirry Bertonite Story   No Shirry Bertonite Story   No Shirry Bertonite Story   No Shirry Bertonite Story   No Multiple Cased Wells   Submit Additional, As Suill's Diagram   Showing Well Construction Destails   Showing Well Construction Destails   Showing Well Construction Destails   Showing Well Construction Destails   Showing Well Construction Well Construction Was Confluence of Secondary   Showing Well Construction Was Confluence   Showing Well Construction   Showin									i ⊠	STAINLESS STEEL	
Depth to Base of 2.7  Depth to Base of Secondary Filter Pack Type: Sand Control Secondary Filter Pack Type: Sand Contro	Depth to Base	2.1				1	e: 🖸 Benk	nile Sturry			**
Depth to Base of Bestowith Seat 27  Depth to Base of Secondary Filter Pack Type: Sand (Optional)  Depth to Base of Secondary Filter Pack Type: Sand (Optional)  Depth to Base of Secondary Filter Pack Type: Sand (Optional)  Depth to Top of the Secondary Filter Pack Type: Sand (Optional)  Depth to Top of the Secondary Filter Pack Type: Sand (Optional)  Depth to Top of the Secondary Filter Pack Type: Sand (Optional)  Depth to Top of the Secondary Filter Pack Type: Sand (Optional)  Depth to Top of the Secondary Filter Pack Type: Sand (Optional)  Depth to Base of Secondary Filter Pack Showing Well CONSTRUCTION WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.  Depth to Bottom of the Secondary Filter Pack Type: Sand (Optional)  Depth to Top of the Secondary Filter Pack Type: Sand (Optional)  FRIMARY FILTER PACK Type: Sand (Optional)  Including Type And Size of All CASING. HOLE DIAMETERS, AND GROUT USED.  Date Well construction was Constructed in Accordance with the Department of NATURAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.  Skid Stax: O	of Annular Seat:	-49-	End linesime			一,	_	•			
Bestoate Seate  Depth to Base of Secretary Filter Pack:  Depth to Form of the Screen 27,  Depth to Top of the Screen 27,  Depth to Bestoan of the Screen 37,  Dep	1 ]					SEC	ONDARY I	ILTER PACK	SUBI	MIT ADDITIONAL AS	BUILT DIAGRAM
Depth is the Screen 39.5  Depth is Bettern of the Screen 39.5	Bestonite Sezt	27							· INCL	UDING TYPE AND SIZ	ZE OF ALL CASING,
Depth to Top of the Screen 21.5  PRIMARY FILTER PACK Type: [Sand   Manufactured	at Secondary	29			<u>د</u>	·   .	Grain Si	× <u>≠0 64</u>			
Constitution   Cons	Depth to Top	20.0			7 <i>4</i>	PRI	MARY FIL	TER PACK	DATEV	YELL CONSTRUCTION WAS	COMPLETED
Grain Stor. 2 G.A  Langth: 12 G.e.t  Dopti to Bottom of the Screen: 35.5  Grain Stor. 2 G.A  Langth: 10 G.A  Langth: 10 G.A  Sixt Stor. 10  Grain Stor. 2 G.A  HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NAT-  URAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.  Sixt Stor. 10  Sixt Stor. 10  Grain Stor. 2 G.A  HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NAT-  URAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.  Sixt Stor. 10  Grain Stor. 2 G.A  ACCORDANCE WITH THE DEPARTMENT OF NAT-  URAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NAT-  URAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NAT-  URAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NAT-  URAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.  SIX Stor. 10  SIX Stor. 10  Grain Stor. 2 G.A  SIX STOR							Men	dectured	THER	EBY CERTIFY THAT TH	E MONITORING WELL
WELL SCREEN.  Langit: 10 Ca.  Skid Star: 10  Skid S					1				ACC	DRIDANCE WITH THE DI	EPARTMENT OF NAT-
Beets of Bit Street Str					Ş	WE	L SCREE		CON	STRUCTION OF MONITO	XRING WELLS.
TYPE STATE LESS SHOP PERMIT MUMBER DATE TO SUMP DETAILS	Bottom of	29 <			4		Longth: Stot State:	70	SIGNA	URE (MONIDORINA MELL	CONTRACTOR)
	UNE SCHOOL		·		4	نا	Type: SÁ:	icless steel	PERMIT	THUMBER	Inlo

max cap stribes th TYPE OF BACKFILL: ~

MISSOURI DEPARTMENT OF NATURAL RESOURCES

OFFICE USE ONLY	DATE RECEIVED I. E.
121865	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED Ph 1 Ph 2 Ph 3
APPROVED BY	DATE APPROVED

DIVISION OF GEOLOGY AND	STATE WELL NUMBER	CROSS REFERENCE NO.		
LAND SURVEY	CHECKED BY	ENTERED		
MONITORING WELL CERTIFICATION RECORD	APPROVED BY	Ph 1 Ph 2 Ph 3 DATE APPROVED		
INFORMATION SUPPLIED BY OWNER				
BITE NAME	WELL NUMBER			
Mastha Rose Chemicals	MW_	- 113		
Highway 131 North	Holden	mo 64010		
NAME J		TELEPHONE 703/ 739 - 1279		
ADDRESS CI		STATE A ZIP CODE		
1197 N Fair lax St. Suite 400	Alexandria	<u>  VA   22314   </u>		
INFORMATION SUPPLIED BY MONITORING WELL CON	ITRACTOR			
LOCATION OF WELL SHOW LOCATION IN COUNTY Madis	SKETCH THE LOCATION TO	THE WELL INCLUDING MILEAGE ON ALL ROADS TRAVELED IGHWAYS		
SECTION PLAT ELEVATION	<del></del>	PHsville		
IF <del>ITITI</del>		8.2 mls		
IARGES  LARGES  LARGES	muli3	Chr. co		
	_* _			
20 11- 11- 21	EORW) Znd Ave			
DESCRIBE LOCATION OF THE WELL SO WE WOULD BE ABLE TO VISIT	<u> </u>	1		
170 Cet north of cree		MONITORING WELL INSTALLATION CONTRACTOR'S NAME		
20 feet west of sence		Layne GeoScience, Inc.		
	<del></del>	DRILLING CONTRACTOR'S		
NOTE: Record the fraction of a lost in decimal, not in inches.	OCKING CAP - Y N (Circle one)	NAME		
Top of Riser	CAP VENT - Y (N)(Circle one)	Laune - Western		
	PROTECTIVE CASING  YPM: Sire	TYPE OF INSTALLATION		
	ber la inch	STATIC WATER LEVEL		
	NEEP HOLE - Y / (N )(Circle one)			
Information in this column to	NEEL HOEF 1 / / H Years and	14.57 FEET FROM MEASURING POINT		
be supplied in the Feet from	<b>—</b>	DATE OF STATIC WATER LEVEL		
Surface column	PROTECTIVE CASING SEAL	ELEVATION OF MEASURING POINT		
	Type: Concrete	MEASURING POINT IS		
Depth to bottom of Protective Casing Seat	RISER PIPE	TOP OF RISER PIPE		
	Diemeter: Zinch	OTHER		
0-135 (1. dark brown	Type of Material Sizinless	☐ AIR ROTARY ☐ AUGER		
Sily day	BOREHOLE B in.	N REVERSE		
3 2	ANNULAR SEAL	ROTARY OTHER		
125-60 (1.	Type: Sentonile Slurry Cement Sturry	X YES, AT 44,5 ft.		
alternation	Non Sturry Bentonite	☐ STAINLESS STEEL		
Depth to Base	BENTONITE SEAL Type: 2 Bentonile Stury	OTHER		
of Annular Seat 79 Crea State 7	Langth of Seat3P.	NO MILTIPLE CASED WELLS		
and limesting	SECONDARY FILTER PACK	SUBMIT ADDITIONAL AS BUILT DIAGRAM		
Depth to Base of Gentonite Seat	Type: Send (Optional)	SHOWING WELL CONSTRUCTION DETAILS INCLUDING TYPE AND SIZE OF ALL CASING,		
Depth to Base of Secondary Filter Pack: 42	Grain Store #O GA	HOLE DIAMETERS, AND GROUT USED.		
Dopth to Top	PRIMARY FILTER PACK	DATE WELL CONSTRUCTION WAS COMPLETED		
ef the Screen 1/12	Type: Send  Manufactured	1 HEREBY CERTIFY THAT THE MONITORING WELL		
	Grain Store #   GA	HEREIN DESCRIBED WAS CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT OF NAT-		
	Length: 12 C+	URAL RESOURCES REQUIREMENTS FOR THE CONSTRUCTION OF MONITORING WELLS.		
	Length: 10 C4.	SIGNATURE (MONINGRING VEIL CONTRACTOR)		
Bettom of the Screen: 51.5	Type States Stell	PERMIT NUMBER DATE / 6		
	SUMP DETAILS Longtle 5 FL	00200 Jum 6/13/95		
Plug Back Total Depth: ( 🕜	Diameter: 2 in.	SIGNATION (ORILLING CONTRACTOR)		
Original CO	Type: Stanfage Stanfage	PERMIT NUMBER		
	" " " " " " " " " " " " " " " " " " "	007497 WHT 6-1445		

MO 780-1415 (2-94)

DISTRIBUTION: WHITE/DIVISION CANARY/MONITORING WELL CONTRACTOR PINK/OWNER MAIL WHITE COPY TO: DEPARTMENT OF NATURAL RESOURCES, P.O. BOX 250, ROLLA, MO 65401; ENCLOSE \$35 PER MONITORING WELL FOR THE CERTIFICATION FEE WITHIN 60 DAYS AFTER WELL COMPLETION



MISSOURI DEPARTMENT OF NATURAL RESOURCES DIVISION OF GEOLOGY AND LAND SURVEY

OFFICE USE ONLY	DATE RECEIVED
HEF:NO. 121866	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED
APPROVED BY	Ph 1 Ph 2 Ph 3  DATE APPROVED

MONITORING WELL		CHECKED BY		ENTERED Ph 1	Ph 2	Ph 3	
	CERTIFICATION RECORD APPROVED BY  FORMATION SUPPLIED BY OWNER			DATE APPROVED			
INFORMATION SU SITE NAME	PPLIED BY OWNE	R		WELL NUMBER			
Martha	Rose C	herricals.		Mu	1-114		
SITE ADDRESS	131 North	c	Holder	n .	STATE	ZIP CO	64NHO
NAME CLESTO	Sites	<del></del>	HUICIO	<u> </u>	TELEPH	101E	1-1279
ADDRESS	^	Suite 4000	MALA	andria	STATE	Δ ZIP CO	
1177	PPLIED BY MONIT			- MORIE			2319
LOCATION OF WELL		COUNTY Madie	SKET	CH THE LOCATION TO		DING MILEAGE ON A	LL ROADS TRAVELED
SHOW LOCATION IN SECTION PLAT	E	EVATION		I NEAREST TOWNS OR H		1	<b>↑</b> ↑\\
ETTT:		AREA NO			Muly	Paleville 8.2 m	
SMALLE	est w _wNEw	LARGE	ST ¼	1 8	ose		
					Chim.		
SEC.		N,RNG	_ EOR(W) _		$\rightarrow$	Z' A	1e
	. 70 LONG.						
ISO (	OF THE WELL SO WE W	Harri 131	70 a	milh of	1	IG WELL INSTA OR'S NAME	ALLATION
1000	Visi Tirec	Var History	Cirec		Laire	GenEcience	s Inc
			· · · · · · · · · · · · · · · · · · ·	<del></del>	DRILLING C	CONTRACTOR	s
	NOTE: Record the fraction of a in decimal, not in inc	tool	LOCKING CAP - Y	/ N (Circle one)	NAME		
	Top of Riser Elevation:		CAP VENT - Y / N (		Laure	- שתילירח	· · ·
		~      <del>    </del>	Турес	· ·	TYPE OF INSTAL		LUSH MOUNT
Ground I			Size: Bore Hole Diameter:	l.	STATIC WATER L		LOSA MODIVI
Elevation: FI Sert	from Description of Fermation		WEEP HOLE - Y /	N (Circle one)	70.21	FEET FOOM ME	ASURING POINT
information in this column to be supplied in				_	DATE OF STATIC		ASONING POINT
the Feet from						. 6. ME	
			PROTECTIVE Type: Con	CASING SEAL	ELEVATION OF N	EASURING POINT	
4	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		⊠Cor	nent Slumy	MEASURING POI		
Depth to bottom of Protective Casing Seat:	5		RISER PIPE Length: 42	.5 A	TOP OF R	ISER PIPE	
USIN SOE 1	dack brown		Diameter:		DRILLING EQUIP		
	Sill, clay			met stockers.	☐ AIR ROTA	ARY AUGE	
}	to & lust		BOREHOLE DIAMETER		REVERSE		
	3- (m (a.		ANNULAR SE Type: X.Sent		ROTARY	LI OTHE	
·	6.3	v.,	Cern	ont Sturry Sturry Sturry Bentonite	X YES, AT _	54.5	<u> </u>
	lineeline :	<i>`</i> -7. <b>3 3</b>	BENTONITE :	BEAL	STAINL	ESS STEEL	
Depth to Base of Annulus Sent	14 shale		Type: 13 Ben	ionile Sturry Sturry Bentonile	□ NO		
			Length of See		MULTIPLE CASE		NIMIT BLACK
Depth to Base of	17		Type: ⊠Sm		SHOWING 1	WELL CONSTRU	BUILT DIAGRAM ICTION DETAILS
Depth to Base	. 1		<u></u>	nulactured lice: #0 GA		TYPE AND SIZE ETERS, AND GR	OF ALL CASING, OUT USED.
Fifter Pack: 4			Length:	1 Ct	DATE WELL CON	ISTRUCTION WAS CO	MPLETED
of the Screen	9.5		PRIMARY FI	d		pt. 29, 19	
] ]			Grain S	wactured tox 出GA	HEREIN DE	SCRIBED WAS C	MONITORING WELL ONSTRUCTED IN
	1		Length:		URAL RESO	URCES REQUIRE	ARTMENT OF NAT-
Depth to Settom of				10 ft.		JON OF MONITORI	
the Screen	7.5		Slot Size:	10	Linn	15/14	
1		14	SUMP DETAI	ILS	GOZGOZU		113/95
Plug Back Total Depth:	$\sim$		Diemeter: 2	Z In		ULING CONTRACTO	A)
Original Total Deptis	0			interestrat	PERMIT NUMBE	A DATE	
7			TYPE OF BA		002497	win 6	6-17-95
MO 780-1415 (2-84)	DISTRIBU	TION: WHITE/DIVISION	CANARY/MONIT	ORING WELL CONTRA	CTOR PINK/OW	NER :	A HECKED HATE



MISSOURI DEPARTMENT OF NATURAL RESOURCES

, was with

OFFICE USE ONLY	DATE RECEIVED
REF. NO. 121860	CHECK NO.
ROUTE	TRANSMITTAL NO.
STATE WELL NUMBER	CROSS REFERENCE NO.
CHECKED BY	ENTERED
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ARRODOWED BY	DATE ADDROGUED

LAND SURVEY			STATE WELL NUMBER		CRO	CROSS REFERENCE NO.			
			CHECKED BY	ECKED BY		ENTERED			
				APPROVED BY			Ph 1 Ph 2 Ph 3  DATE APPROVED		
INFORMATIO	N SUPPL	ED BY OWNER		<del></del>	<del></del>		<del></del>		
SITE NAME	-1\	7	<u> </u>	1	WELL NUMBER				
SITE ADDRESS	501P3	<u>Kose</u>	Chenica	<u> </u>	1 Mu	<u> </u>	5 ISTATE	ZIP CODE	
Highu.	134	disold IEI	٦	" Llallo			1"MA	64040	
NAME	·~·	1 (464 )11		FICILIE	<u></u>		TELEPHONE	1 0.0.70	
C\-C	<u>s</u>	1405		TY			703/	739 - 1279	
1199 N	. Fair	Gov St. S.	ide 400		candria		STATE	22.314	
INFORMATIO	ON SLIDDI	IED BY MONITORI					, , , , , , , , , , , , , , , , , , ,		
LOCATION OF SHOW LOCATION			Madis		IOM NEAREST TOWNS			EAGE ON ALL HOADS TRAVELED	
SECTION PLAT		ELEVAT AREA					2	Pitt-ville (	
		Anex						8,2 mits 1	
<del>┞╏╇╏</del> ╈╏╋╏┪	SMALLEST W NE v	CE 6	LARGES E 4 N.E		•.	1	Roce		
	10E x	<u>SE v SI</u>	▝		• •	1	chen		
	secIQ_		I,RNG. <u>ZZ</u>	EOROW		1			
LAT. <u>28</u> .	43. 4	20- LONG. 91	<u>۔ حی</u> ہے	10-	Znd A	ie.			
		IE WELL SO WE WOULD	1		^	1		LL INSTALLATION	
100 CF	Nc+		Ave		wall		NTRACTOR'S		
<u>drive</u> u	75/7	150' (1 we	* + Or	ا31 پوسل	120 2011	-  L	عررو كأ	Sciences, Irc.	
		<del></del>			<del></del>	DB	ILLING CONTR	ACTOR'S	
	NOTE	Record the fraction of a foot in decimal, not in inches.			S		ME	ACTORS	
	<u> </u>		,	CAP VENT - Y 🎢	Y Y N (Circle one)	<u> </u>		<del>,</del>	
		Top of Riser Elevation:	ार्ज़ा	PROTECTIVE CA	SING		عزرو - Wr E OF INSTALLATION	sku	
•				Type: [Irel			ABOVE GROUND	☐ FLUSH MOUNT	
Ground	least trans	l=			8 inch	8TA	TIC WATER LEVEL	· · · · · · · · · · · · · · · · · · ·	
Surface Elevation:	LI SHILECE	Description of Fermation			/(N) Circle one)	3	H.08 ====	ROM MEASURING POINT	
information   this column 1	:e					· 🗀	E OF STATIC WATER L		
be supplied i	a			*			ر عا ٠٨٩٦		
Surface colu	mn i			PROTECTI	VE CASING SEAL	T ELE	VATION OF MEASURIN		
				Type:	Concrete Coment Starry				
Depth to bot	om			RISER PIP	E		SURING POINT IS TOP OF RISER PI	PE	
of Protective Casing Seek	ે .ઇ				32.5 CL	1 1	OTHER	,	
		0-7.5 ft		1 .	Zinch		LLING EQUIPMENT		
		שבר שותיים		Type of M	Strict Strict	-1:10	AIR ROTARY	AUGER TYPE	
				BOREH			REVERSE		
		Silty clay	翼 闰——	ANNULAR		7 L		□ OTHER	
		7.5-40 Sml		Type: 2.8	entonite Sturry ement Sturry	E E	YES, AT34.	5 Ct	
		100 - 4() 1464		□ N	on Sturry Bentonite	ــا ا‴	☐ STAINLESS STE		
Depth to Bar	ا.م أ	allinaling		DENTONII Type: DS E	TE SEAL Bentonite Sluny		☐ OTHER		
of Annular S		grey shale		<b>╱</b> ┤ ¨ □•	ion Starry Bentonite	1.1	NO TIPLE CASED WELLS		
<u> </u> .		and limestra		Length of S	Book S R. RY FILTER PACK	1 1		IAL AS BUILT DIAGRAM	
Depth to Bas Bentonite Se				Type: E	Sand (Option:	4 SI	HOWING WELL C	ONSTRUCTION DETAILS	
Depth to Ba	<b>*</b>			Grei	Manufactured in Sizec おの GA			AND SIZE OF ALL CASING, AND GROUT USED.	
of Secondar Filter Packs	128	ļ		Langth:_	1 11	- I - L'-	TE WELL CONSTRUCT		
Dopth to				PRIMARY Type: DS:	FILTER PACK	"	Aug. 10,	M94	
<b>\</b>		1		1 To	Manufactured		IEREBY CERTIFY T	HAT THE MONITORING WELL	
				Grai Length:	n Stor #1 GA	'     A	CORDANCE WITH	D WAS CONSTRUCTED IN THE DEPARTMENT OF NAT-	
]	1			WELL SCI	REEN	-     [	RAL RESOURCES ONSTRUCTION OF	REQUIREMENTS FOR THE MONITORING WELLS.	
Depth to Bottom				Length	: 10 a.		WATURE (MONTOPHIN	G/RECE/CONTRACTORS	
the Sere		<b></b>			ok 10 Starter stre		1 2000-010-	we ,	
	}		4	SUMP DE	TAILS	_  [P€	WIT NUMBER	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Plug Bar Total De	40			Longtic of Diameter			INATURE ORILLINGS	онтужстоя)	
Original	415		277.3	Type:	thinks epel	╛┖	KUNG BA	OSD	
Total De	pm 40	<del></del>		TYPE OF	BACKFILL:	3 7	BUT NUMBER	DATE POS	



MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGY AND

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DATE RECEIVED
CHECK NO.
TRANSMITTAL NO.
CROSS REFERENCE NO.
ENTEREO Ph 1 Ph 2 Ph 3
Ph 1 Ph 2 Ph 3  DATE APPROVED

LAND SURVEY		CHECKED	3Y .	E	Ph 1 Ph 2 Ph 3									
REGISTRATION	RECORD	APPROVED	BY	DATE APPROVED										
INFORMATION SUPPLIED BY OV	WNER													
NAME CITY OF HOLD	211 110					TELEPH	ONE							
ADDRESS		CITY		-	$\dashv$	STATE	-	ZIPC	ODE					
	*		2			UIAIL		12.11	000					
ADDRESS OF WELL SITE (IF DIFFERENT THAN		HOLD	201)			STATE	10	ZIPC						
500 W. Mc KISS	BCK 31.	7020	ien -	_	-	10	10	6	409	0				
☐ PRIVATE HOME OWNE	R DUILDER	R 🗆	DEVELOPER		TO C	HER (S	SPECIF	Y)						
PURPOSE OF REGISTRATION FORM			EXISTING WELL CERT	TIFICATION	NUMBER	3								
M ABANDONED WELL	☐ TEST HOLE REP	PORT	SIGNATURE (WELL O	MAIFRI					DATE					
☐ WELL RECONSTRUCTION	OTHER		SIGNATURE (WELL O	milen)			к =		DATE	5				
INFORMATION SUPPLIED BY CO	ONTRACTOR		SKETCH THE LOCATION TO THE WELL INCLUDING MILEAGE ON ALL ROADS TRAVE											
LOCATION OF WELL SHOW LOCATION IN	COUNTY		FROM NEAREST TOW			INCLUE	ING MILE	AGE ON	ALL ROAL	DS TRAVELED				
SECTION PLAT	ELEVATION		Rose CA					*		با				
<del>[ililia]</del>	AREA NO.		MW	207				* 6	ATE	731				
SMALLEST W		EST ¼		207	-2	150'-		£/						
SE SE		%						* 1	MEKISSI					
	45 N,RNG. 28			•				* '	ST.	~ /				
LAT. 38. 43. 9 - LOI	vg. 93. 59.	18-	Mo, 50	· —				H	OLDEN	Mo.				
DESCRIBE LOCATION OF THE WELL SO	WE WOULD BE ABLE TO VI	SIT THE WELL		S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			- 1-1	•						
CONTRACTOR'S N			PERMIT L	_		- 0								
CONTRACTOR'S - TOM CONUS	BURNS & MCDON	UNCIL WO	NUMBER -	00	231	8 %	М							
ABANDONME	NT OF WELLS			WE	LEREC	CONS	TRUCT	ION						
	DATE ABANDONED	<b>建工业共2015</b>	TYPE OF REPAIR		at the same	SE PROPERTY.	444	Me Albert	STATE OF	No.				
14 FEET	1/12/95		☐ RAISED CA	SING			LINING	G OF W	VELL					
183.6	7 7 7 7 0		☐ DEEPENING		ELL	10000	OTHER							
FORMER USE OF WELL				LENGTH	OF CAS	ING AL	ODED			FT				
DOMESTIC (1 TO 3 CONNECTIONS)  MULTI-FAMILY	EXPLORATORY TEST		RAISED				OD OF A	TTACHN	MENT					
☐ HEAT PUMP	MONITORING		CASING INFORMATION	STEEL	□тн	READE	D P	LASTIC	☐ FUS	ED				
☐ IRRIGATION	☐ OTHER		INFORMATION CASING WELDED CASING G							ED				
DATE ORIGINALLY DRILLED	PUMP REMOVED FROM WELL?			PURPOSE	OF LINE	R			DIAMETE	R OF LINER				
1-23-89	☐ YES ☐ NO /	NA	LINER	USED	ONLY		LD BACK			IN				
ORIGINAL DRILLER (IF KNOWN)	PC CITY L	10	DETAILS	U USEC			CONTA		WEIGHT	OR SDR .				
DESCRIBE METHOD USED TO PLUG WELL	, 23.017, 1	3,	MEASURED DEPTH F		_			_	TER OF W	ELL CASING				
AFTER THE WELL WAS DA	HAGED BY TRENCH	146,4.5	1				_	_		IN				
OF THE WELL REMAIN	eo Below GROOM	UD. THE	MEASURED DEPTH F	20112 1100	ACETO	POTTON		MATER		STEEL				
PUC RISER AND SCREEN .	CO BY A 9.5 TAUG	sea. The	MEASONED DEPTH A	NOM SONE	ACE 101	30110	OF LINE	JOINT		GLUED				
BORE WAS FILLED BY FILLING	WITH 90LES NEAT	CEMENT					FT.	· D TH	READED	☐ WELDE				
COMMENTS (REASON FOR PLUGGING, KNOW				TYPE USE	78.81	PACKE	R1	DEPTH		ACKER 3				
THIS WELL WAS DAMAGED	BEYOND REPAIR	WHILE	PACKER DETAILS	□ RUBE	BER		FT.		FT.	FT				
EXCAVATING A CONTAMINI	ATED SEWER LINE	RUNNING	LINER	POSITION	OF SEAL		1,100	ATERIAL	20,007.00	ENT SLURF				
			GROUT	☐ FULL				ENTON	ITE !	CHIPS				
HEXT TO IT. SEE PHO.	185,								OM SURFA	PELLETS				
			SET	TOP OF						OUT SEAL				
WAS THE WELL ABANDONED BECAUSE OF H	OOKING UP TO A PUBLIC OR	RURAL WATER	GPM				FT.			FI				
YES NO	99		DEEPENING OF WELL DEPTH FORMATION DESCRIPTION					ION	YIELD					
CHECK THE BOX WHICH APPL	ES		WELL WAS DEEPENED						200					
M DOX WHICH APPE			FROM	FT. DEE	P					1				
I HEREBY CERTIFY THAT THE WELL HEREIN	I HEREBY CERTIFY THAT THE	E WELL HEREIN	L HEREIN TO FT. DEEP											
DESCRIBED WAS ABANDONED IN ACCORD- ANCE WITH THE DEPARTMENT OF NATURAL	DESCRIBED WAS REPAIRED ANCE WITH THE DEPARTMENT	IN ACCORD-	ATURAL WAS THE WELL DISINFECTED?											
RESOURCES REQUIREMENTS FOR THE ABANDONMENT OF WELLS.	RESOURCES REQUIREMENT REPAIR OF WELLS.	NTS FOR THE	THE ATT. BC						1					
CONTRACTORS SIGNATURES	DATE /	2/01	YES O	NO										
Though 1/ mall	12. 4 1//	755	- 44			- 1								

MO 780-1414 (11-83)

MO 780-1414 (11-83)

MAIL CANARY COPY TO: DEPARTMENT OF NATURAL RESOURCES, P.O. BOX 250, ROLLA, MO 65401

MAIL CANARY COPY TO: DEPARTMENT OF NATURAL RESOURCES, P.O. BOX 250, ROLLA, MO 65401

ENCLOSE SS FOR REGISTRATION FEE WITHIN 60 DAYS AFTER WORK COMPLETION an art, and

MISSOURI DEPARTMENT OF NATURAL RESOURCES DIVISION OF GEOLOGY AND LAND SURVEY MONITORING WELL

## MONITORING WELL CERTIFICATION RECORD

OFFICE USE ONLY	DATE RECEIVED	
REF. NO. 121985	CHECK NO.	
NOUTE	TRANSMITTAL NO.	
STATE WELL NUMBER	CROSS REFERENCE NO.	
CHECKED BY	EMIEUCO	n 2 Tam State 2
APPROVED BY	DATE APPROVED	

		CATION RECU			\~	PHOVED BY		DATE AP				A DESCRIPTION OF THE PERSON OF
INFORMATION	SUPPL	ED BY OWNER	_				Committee of the commit			=		i programme
SITE NAME	<b>5</b>	E CHEMICAL					WELL NUMBER	207-			139	
SITE ADDRESS		C L HEMICAL		_	CITY	<del></del>	MW-	<u>-1'0-</u>	STATE		ZIP CODE	
SEX	HWY	S 131N4 58				POLDEH			MÖ		6404	OM
NAME BLEAN	£	و							TELEPHON		51-1279	
ADDRESS					CITY				STATE		ZIP CODE :	1000000
كالمتحدث ا	19 N	. FAIRFAX ST.	5	ΜŊ	A COP	LLXAND	RIA		AV		223	一个
INFORMATION	SUPPL	IED BY MONITORI	NG '	WE	LL CONTR	RACTOR					:	
LOCATION OF W		COU	NTY.		MADISON		H THE LOCATION TO		. INCLUDING	MILEA	GE ON ALL R	OADS TRAVELED
SHOW LOCATION I SECTION PLAT	in'	ELEVAT	ION				HEAREST TOWNS ON P	JNWA13	1	<u> </u>		八个歌
		AREA	NO.	_			e	_	1	7		
	ALLEST %				LARGEST W		5n€	*	kkrssock	3	• •	Y.
11, 7, 7, 7, 7		NE x S						<u>*</u> ]		١.,	wy 58	(ZU ANT
SEC	<u> 10</u>	TWN. 45 N	,RNG	3	24	E OR 🚱					<u>,</u>	32
		10 - LONG. 74					•	· }	locoen!	ردا		
		E WELL SO WE WOULD									INSTALL	ATION
- 5 1. C	FILE		اندن	<u> </u>	<u>د (دو.</u>	HAL PAR	OFSITE)	CONT	RACTOR	'S NA	ME	14.54 A
		107 (Mus			17.N 1765	- W-12512H	rucm_	L	-34YA	WES	د سعه	Coyu
									ING CO			
1	NOTE	Record the traction of a foot in decimal, not in inches.	尸		Loca	KING CAP - 🕜	V N (Circle one)	NAME	:			
į.		Top of Riser	عيا		CAP	VENT - Y / (1)	Circle one)	1	I. Kaya	A 476	eu D	P
		Elevation:		11-	PROT	TECTIVE CASIN	G STUEN HAVED	TYPE OF	INSTALLATI	ON		
					i i	ده"	ì	1/	OVE GRO		☐ FLUS	H MOUNT
Ground Surface Elevation: Pt	Feet from Surface	Description of Formation		╽╞		Hole Diameter:		STATIC	MATER LEVE			
information in this column to	•	- Thirties			A WELL	. note-(T)	, (Ozor 0111)					JRING POINT
be supplied in the Feet from								DATEO	STATIC WA	TER LEV		201
Surface column				1		PROTECTIVE	MARINA CTA	ELEVATI	ON OF MEAS	EURING I	POINT	1 (1887) (1887) 1 (1887) (1887)
( (						TYPE SLCON	Croin	L				
Depth to bottom						RISER PIPE	PRINT CHARTY		ING POINT I	-	E	1
Depth to bottom of Protective Casing Seet:	0.5			刞		Longer 4			HER			
			<b>3</b> .	捌		Diameter:	2" ht 3ch.30		G EQUIPMENT ROTARY		AUGER	القنايلام
		0-6- Bive. CLA				BONEHOLE		1		•	TYPE _E	3 00 H
		6-3.5'-BLK. SHALL				DIAMETER:	<u> </u>		YERSE TARY	_	OTHER .	767首
1			7			Type:   Bomb	AL Sharry		LIZERS USE		OINER .	N 74 W
{		l				Coppe		O YE	3, AT			n le ma
						BENTONITE S			STAINLESS OTHER		L	
Dopth to Base of Annulor Seat	1	]				Type: Benk	onite Sturry Sturry Bentonite	I NO				
						Langth of Seel		1	LE CASED W			533
Dopth to Base of						SECONDARY Types 1840	FILTER PACK (Optional)	SUBI	AIT ADDI	TIONA	L AS BUIL NSTRUCT	LT DIAGRAN
Bentonite Seat Depth to Bose						- □Meg	and in i	INC	HOING TV	PE AN	D SIZE OF	ALFOCACINA
of Secondary Filter Pack:	}			17		Grain Si Length	-					T USED
Depth to Top of the Screen						PRIMARY FIL		DATEW	ELL CONSTF	UCTION	WAS COMPL	ETED 1
						Type: Sen	d ulactured		EBY CERTI	FY THA	T THE MON	ITORING WELL
		1				1	*_10.30	ACCC	RDANCE V	VITH TI	HE DEPART	STRUCTEDAR MENT OF NOT
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## ATTACHMENT 4 MONITORING WELL SURVEY NOTES

PROJECT. ROSE CHEMICAL

NO74236-00

1160 RCH BAC SO !!

gri-00.00.00 179 - 59 - 53 101 315 - 21 - 55 90 525 214 135-21-50

MON. WELL # 214

AVE & 315-21-56

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00.00.00 101 179-59-55

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MON. WEL # 113

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152

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PROJECT/DESCRIPTION

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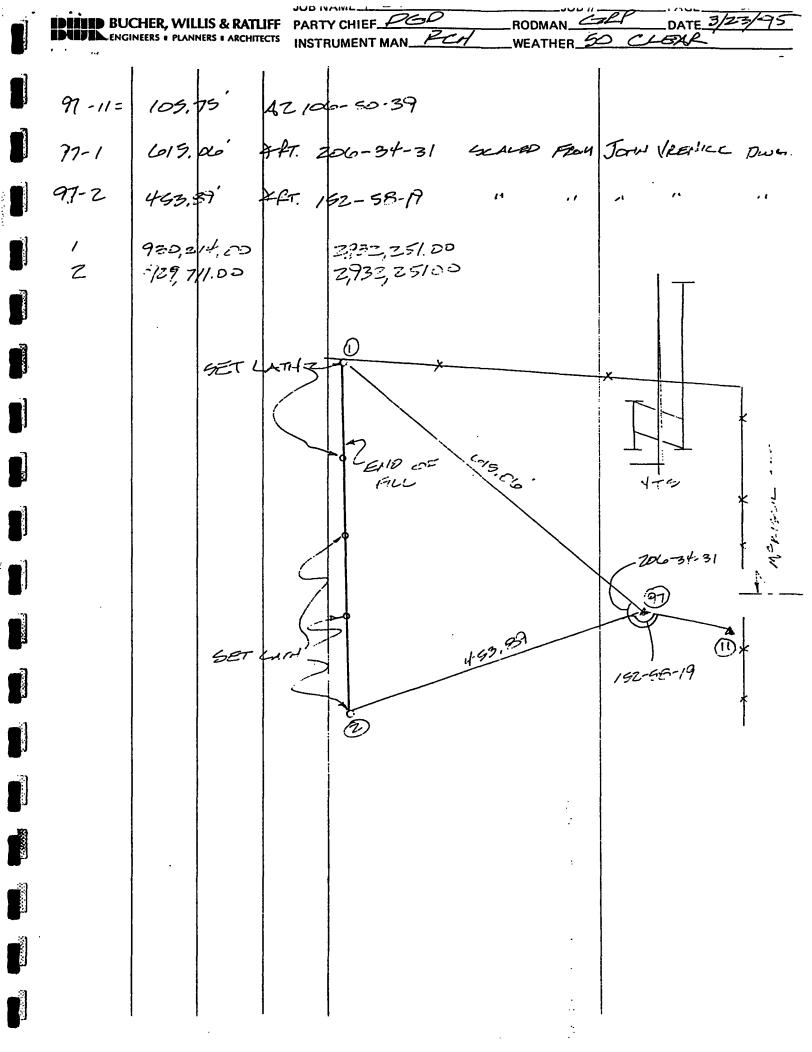
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BUCHER, WILLS & RATLIFF BUCHERS | PLANNERS | ARCHITECTS

PROJECT. ROSES CHEMIC DESCRIPTION TRAV. MENLEY ENTS ..... SHEET. . . ... OF. ろ. . > HORIZ }= 1 CHAIN CINK (TYP) May # BWR E2933,228,70B IN Z PELS TOIK ASC 1929,419.91 2,933213.62 EDITION BUCHER, WILLS & RATLIFF
EDITION BUCHERS I PLANNERS II ARCHITECTS

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BUCHER, WILLS & RATLIFF BOULD BNOWERS # PLANNERS # ARCHITECTS

### **ATTACHMENT 5**

## TYPE S1 SOIL (FILL) SOURCE GEOTECHNICAL, PCBs

Rec'l 7/26/94

## Huntingdon

Engineering and Science for a Safer Environment

2575 LONE STAR DRIVE . P.O. BOX 224227, DALLAS, TEXAS 75222 . 214/621-2700

Client U.S. POLLUTION CONTROL, INC. 400 PLATTE VALLEY DRIVE

RIVERSIDE, NO. 64150

Attn: STEVE JOHNSTON

Project RC-FL-PIT1

Date Sumpled 05/14/94

Reviewed By

Sample Type SOLID

P.O. # 21972

Lab No.

70 1 2014

04-06-117-01

D4-06-117-02

Client Wo. 21296757

Report No. D4-06-117

Report Date 07/07/94 12:50

Sampled By KENNETH MEYER

Transported by FRD EX

Date Received 06/15/94

Sample Identification

RC-PL-PIT1-001

RC-FL-PIT1-002

HUNTTHGDOV

DRAFT

William J Gase, Supervisor, BAS

NUMBER OF STREET

Order # D1-06-117

07/07/94 12:50

TEST RESULTS BY SAMPLE

Page 2

Client: U.S. POLLUTION CONTROL, INC.

**DRAFT** 

Sumple: 61A RC-FL-PIT1-001

Collected: 06/14/94

			Detection	Date	
Method	Result	<u>Dnite</u>	Limit	Started	Analyst
, ASTM D2974		BRCLOSUR			
SW816 8080					
SW846 8080	<0.005	MO/KG	0.005	06/29/94	MJG
SW846 8080	<0.005	MG/XG	0.005	06/29/94	WJG
SW846 4040	<0.005	MG/X3	0.005	06/29/94	wjQ
SW846 8080	<0.005	MG/XG	0.005	06/29/94	WJG
SW846 8080	<0.005	MG/XG	0.005	06/29/94	WJG
SW846 8080	<0.005	HG/XG ·	0.005	06/29/94	WJQ
SW846 8000	<0.005	MG/XG	0.005	06/29/94	MJG
	ASTM D2974 SN816 8080 SW846 8080 SW846 8080 SW846 8080 SW846 8080 SW846 8080	ASTM D2974 SN846 8080 SW846 8080	NSTM D2974   BRCLOSUR   SN816 8080   <0.005   MG/KG   SN846 8080   <0.005   MG/KG   SN846 8080   <0.005   MG/KG   SN846 8080   <0.005   MG/KG   SN846 8080   <0.005   MG/KG   SN846 8080   <0.005   MG/KG   SN846 8080   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   MG/KG   <0.005   <0.005   MG/KG   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.005   <0.	Method         Result         Units         Limit           ASTM D2974         BRCLOSUR         Limit           SW846 8080         8080         RESULT         BRCLOSUR           SW846 8080         40.005         MG/KG         0.005           SW846 8080         40.005         MG/KG         0.005	Method         Result         Dnite         Limit         Started           ASTM D2974         BRCLOSUR         SN846 8080         SN846 8080         0.005 MG/KG         0.005 06/29/94           SW846 8080         <0.005 MG/KG

Sample: 01B RC-FL-PIT1-001

Collected: 06/14/94

				Detection	Date	
Toot Name	Method	<u>Result</u>	<u>Units</u>	<u>Limit</u>	Started	Analyst
ASTM 2488	ASTM 2488	Enclosure	DATE COM		06/28/94	C#E
ASTM D422	ASTM D422	Enclosure	DATE COM		06/28/94	CHE
ASTM D698	ASTM D698	Enclosure	DATE COM		06/28/94	CME
P.I.		Enclosure	DATE COM		06/28/94	CME

Sample: 02A RC-FL-PIT1-002

Collected: 06/14/94

				<u>Detection</u>	Date	
Test Name	<u> Hethod</u>	Result	Units	Limit	Started	Analyst
MOISTURE, ASH, ORGANICS	ASTH D2974		ENCLOSUR			
PCB	SW846 8080					
PCB 1016	9W846 8080	<0.005	MG/KG	0.005	06/29/94	NJG
PCB 1221	SW846 8080	<0.005	MG/KG	0.005	06/29/94	HJG
PCB 1232	SW846 8080	<0.005	MO/KO	0.005	06/29/94	ијв
PCB 1242	SH846 8080	<0.005	MG/KG	0.005	06/29/94	WJG
PCB 1248	SW846 8080	<0.005	MG/KG	0.005	06/29/94	WJG
PCB 1254	SW846 8080	<0.005	MG/XG	0.005	06/29/94	WJG
PCB 1260	SW846 8080	<0.005	MG/XG	0.005	06/29/94	MJQ

THO/TMS

MONT DEGOCAL

Order # D1-06-117

07/07/94 12:50

TEST RESULTS BY SAMPLE

Page 3

Chient: U.S. POLLOTION CONTROL, INC.

DRAFT

Sample: 02B RC-PL-PIT1-002

Collected: 06/14/94

			Decection	I hwee	
Method	Requir	Unite	Limic	Scarced	Analyst
ASTM 2468	Enclosure	DATE COM		06/28/94	C)68
ASTM D122	Enclosure	DATE COH		06/28/94	C)(E)
asth D698	Paclosure	DATE COM		06/28/94	CME
	Enclosure	DATE COM		06/28/94	CHE
	ASTM 2408 ASTM D422	ASTM 2488 Enclosure ASTM D422 Enclosure ASTM D698 Enclosure	ASTM 2488 Enclosure DATE COM ASTM D422 Enclosure DATE COM ASTM D698 Enclosure DATE COM	Method Result Unite Limit ASTM 2488 Enclosure DATE COM ASTM D422 Enclosure DATE COM ASTM D698 Enclosure DATE COM	ASTM 2488 Enclosure DATE COM 06/28/94 ASTM D422 Enclosure DATE COM 06/28/94 ASTM D698 Enclosure DATE COM 06/28/94

## Huntingdon

Engineering and Science for a Safer Environment

Huntingdon • Southwestern Laboratories 2575 Lone Star Dr. ● P.O. Box 224227

Dallas, Texas 75222

Telephone: (214) 631-2700

FAX: (214) 920-1891

#### REPORT OF **MOISTURE-DENSITY RELATIONS**

CLIENT: SwL - Analytical

Attn: Kyle Burroughs

P.O. Box 224227

Dallas, TX 75222-4227

**CLIENT NO.: 0005455** 

**REPORT NO.: 11970** 

DATE SAMPLED: 6/16/94

SAMPLED BY: Others

DATE OF SERVICE: 6/16/94

AUTHORIZATION: Bob Garrett

SAMPLE LOCATION: Material was f.o.b.

**REPORT DATE: 7/07/94** 

PROJECT: USPCI

Project No.: 54559406117-01B

SERVICES: Prepare samples delivered to laboratory and perform moisture-density

relations test to establish maximum density and optimum moisture of

the material.

#### PROJECT DATA

CONTRACTOR: Not available

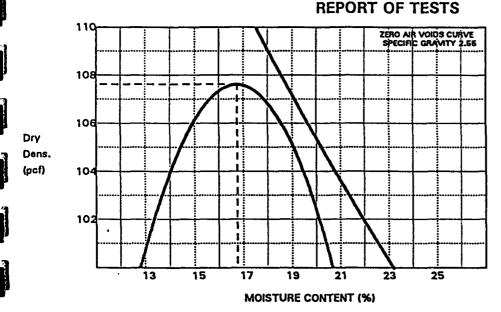
TEST FOR: Not available

MATERIAL: Light brown lean clay (CL)

METHOD OF TEST: ASTM D698, Method A

ASTM D4318, Proc. A -

ASTM D422



MAXIMUM DENSITY, PCF: 107.5

**OPTIMUM MOISTURE (%):** 16.5

> LIQUID LIMIT: 39

PLASTIC LIMIT: 18

PLASTICITY INDEX: 21

Technician: Max Richwine

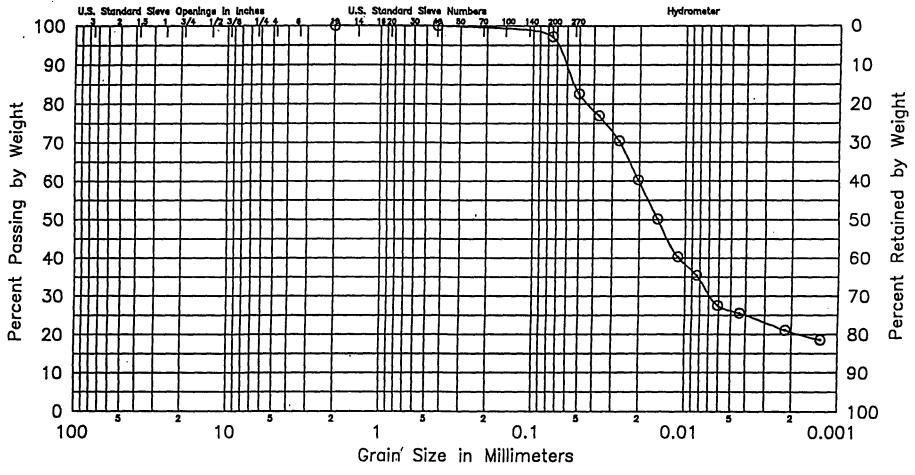
'eport Distribution: (1) SwL - Analytical

**HUNTINGDON • SOUTHWESTERN LABS** 

Tim Begole

1008 MDR

### GRAIN SIZE DISTRIBUTION



GF	RAVEL		SAND		CUT OLAV
Coarse	Fine	Coarse	Medium	Fine	SILT or CLAY
SYMBOL	BORING	DEPTH	SOIL DESCI	RIPTION	
ഞ്ഞ	N/A	N/A	Light brown	CLAY	, in the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second

SwL Report No.: 11970

### Hydrometer Grain Size analysis

Job No.:	11970	Boring No.:	N/A	Depth:	N/A	Date:	6-30-94		
Dry Weight of	Total Soil Sa	mple (Wt)	14.90	gm					
Dry Weight of	Soil Retained	on # 200 Sieve	(Wr)	2.80	gm	Dry Weight of	Tested Soil (Ws)		50.00 gm
Weight of Cal	gon Per 1,000	ml water (Rz)		5.00	gm	I			
Specific Grav	ity	Gs=	2.65		Correction fo	r Specific Grav	ity (a)	1.00	
Meniscus Ris	e (Rm)	1.0	Hydrometer T	ype	152H				
Tested By:	MDR	Data inputed i	Зу:	MDR	Checked By:		FKC		

8:45am, 6-3-94

Watch Time	Elaped T(min)	Temp 0c	Ro	Ft	Rc	N (%Finer)	Eff. Length	Factor K	Diameter	% finer	% retained
8:45am	0.25	22.78	57.00	0.85	52.85	105.69	6.83	0.01330	0.0695	85.83	14.17
	0.50	22.78	55.00	0.85	50.85	101.69	7.16	0.01330	0.0503	82.58	17.42
8:46	1.00	22.78	51.50	0.85	47.35	94.69	7.73	0.01330	0.0370	76.90	23.10
8:47	2,00	22.78	47.50	0.85	43.35	86.69	8.38	0.01330	0.0272	70.40	29.60
8:49	4.00	22.78	41.25	0.85	37.10	74.19	9.40	0.01330	0.0204	60.25	39.75
8:53	8.00	22.78	35.00	0.85	30,85	61.69	10.42	0.01330	0.0152	50.10	49.90
9:01	16.00	22.50	29.00	0.78	24.78	49.55	11,40	0.01330	0.0112	40.24	59.76
9:15	30.00	22.50	26.00	0.78	21.78	43.55	11.89	0.01330	0.0084	35.37	64.63
9:45	60.00	22.22	21.25	0.71	16.96	33.91	12.67	0.01330	0.0061	27.54	72.46
10:45	120.00	22.22	20.00	0.71	./ 15.71	31.41	12.87	0.01330	0.0044	25.51	74.49
4:53pm	488.00	23.33	17.00	0.98	12.98	25.97	13.36	0.01330	0.0022	21.09	78.91
8:45am	1440.00	21.11	16.00	0.43	11.43	22.86	13.52	0.01330	0.0013	18.56	81.44
	•										

## Huntingdon

Engineering and Science for a Safer Environment

Huntingdon • Southwestern Laboratories 2575 Lone Star Dr. ● P.O. Box 224227

Dallas, Texas 75222

Telephone: (214) 631-2700

FAX: (214) 920-1891

#### REPORT OF MOISTURE-DENSITY RELATIONS

CLIENT: SwL - Analytical

Attn: Kyle Burroughs

P.O. Box 224227

Dallas, TX 75222-4227

PROJECT: USPCI

Project No.: 54559406117-02B

**CLIENT NO.: 0005455** 

**REPORT NO.: 11971** 

DATE OF SERVICE: 6/16/94

AUTHORIZATION: Bob Garrett

REPORT DATE: 7/07/94

SERVICES: Prepare samples delivered to laboratory and perform moisture-density

relations test to establish maximum density and optimum moisture of

the material.

#### PROJECT DATA

CONTRACTOR: Not available

TEST FOR: Not available

MATERIAL: Medium brown lean clay (CL)

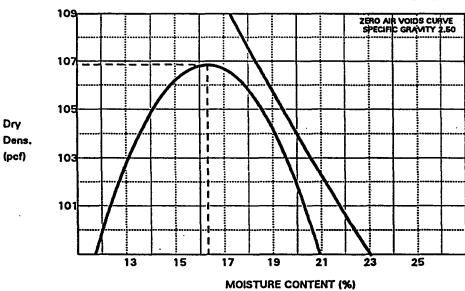
METHOD OF TEST: ASTM D698, Method A ASTM D4318, Proc. A

ASTM D422

DATE SAMPLED: 6/16/94 SAMPLED BY: Others

SAMPLE LOCATION: Material was f.o.b.

#### REPORT OF TESTS



MAXIMUM DENSITY, PCF: 107.0

**OPTIMUM MOISTURE (%):** 16.5

> LIQUID LIMIT: 34

PLASTIC LIMIT: 18

PLASTICITY INDEX: 16

Technician: Max Richwine

Report Distribution: (1) SwL - Analytical

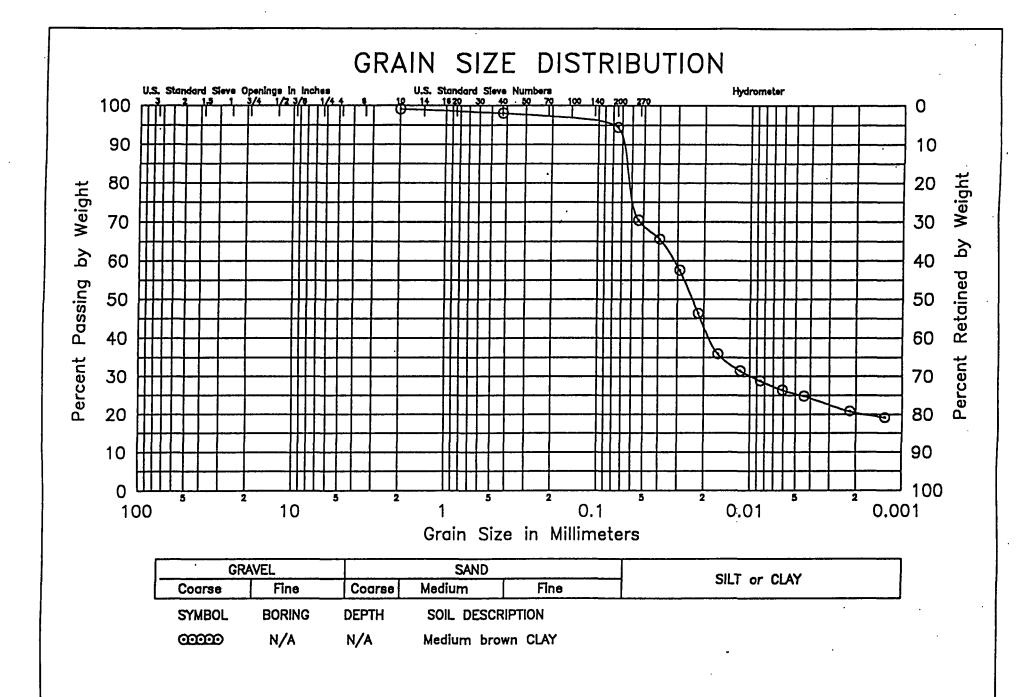
**HUNTINGDON • SOUTHWESTERN LABS** 

### Hydrometer Grain Size analysis

Job No.:	11971	Boring No.:	N/A	Depth:	N/A	Date:	6-30-94		•
Dry Weight o	f Total Soil Sa	mple (Wt)	28.30	gm					•
Dry Weight o	f Soil Retained	on # 200 Sleve	(Wr)	5.60	gm	Dry Weigh	t of Tested Soil (Ws)		50,00 gm
Weight of Ca	igon Per 1,000	mi water (Rz)		5.00	gm		_		
Specific Grav	rity	Gs=	2,65		Correction for	r Specific G	avity (a)	1.00	
Meniscus Ris	e (Rm)	1.0	Hydrometer 7	уре	152-H		<del></del>	<del></del> ,	
Tested By:	MDR	Data Inputed E	<del></del> Зу:	MDR	Checked By:		FKC		

#### 9:18am, 6-30-94

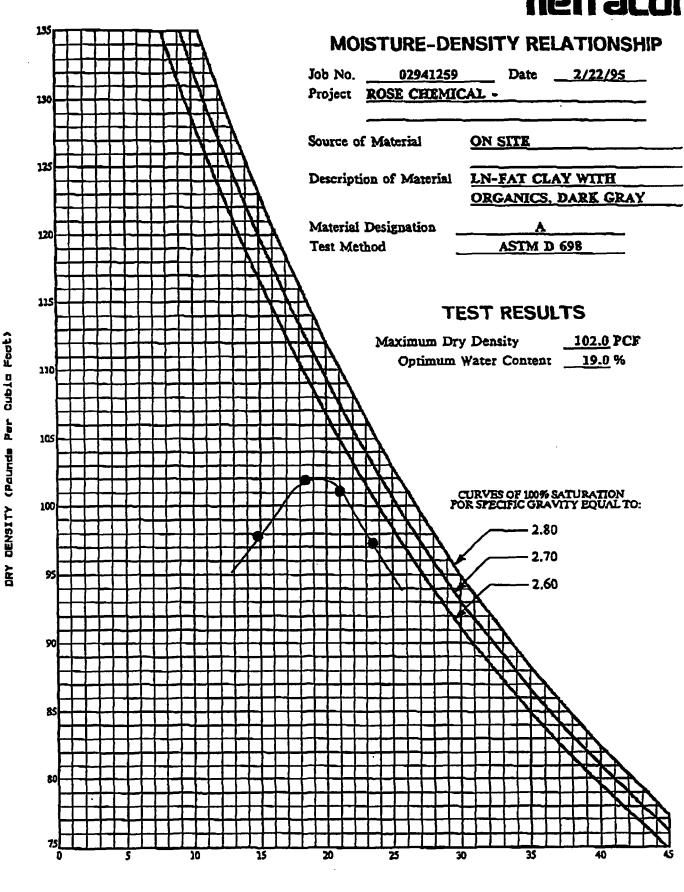
Watch Time	Elaped T(min	Temp 0c	Ro	Ft	Rc	N (%Finer)	Eff. Length	Factor K	Diameter	% finer	% retained
9:18am	0.25	22.78	52.00	0.85	47.85	95.69	7.65	0.01330	0,0735	76.75	23.25
	0.50	22.78	48.00	0.85	43.85	87.69	8.30	0.01330	0.0542	70.34	29.66
9:19	1.00	22.78	45.00	0.85	40.85	81.69	8.79	0.01330	0.0394	65.53	34,47
9:20	2.00	22.78	40.00	0.85	35.85	71.69	9.60	0.01330	0.0291	57.50	42.50
9:22	4.00	22.78	33.00	0.85	28.85	57.69	10.75	0.01330	0.0218	46.27	53.73
9:16	8.00	22.78	26.50	0.85	22.35	44.69	11,81	0.01330	0.0162	35.85	64.15
9:34	16.00	22.78	23.75	0.85	19.60	39.19	12.26	0.01330	0.0116	31.44	68,56
9;48	30.00	21.25	22.50	0.46	17.96	35.93	12.46	0.01330	0.0086	28.82	71.18
10:18	60.00	21.25	21.00	0.46	16.48	32.93	12.71	0.01330	0.0081	26.41	73.59
11:18	120.00	21.25	20.00	0.46	15.46	30.93	12.87	0.01330	0.0044	24.81	75.19
5:18pm	480.00	23.33	17.00	0.98	12.98	25.97	13.36	0.01330	0.0022	20.83	79.17
9:18am	1440.00	· 21.11	16,50	0.43	11.93	23.86	13.44	0.01330	0.0013	19.13	80.87
								_			



SwL Report No.: 11971

## **ATTACHMENT 6**

## TYPE S2 SOIL (SITE) SOURCE GEOTECHNICAL



WATER CONTENT (Persant Dry Weight)

### **ATTACHMENT 7**

# TYPE S3 SOIL (TOPSOIL) SOURCE GEOTECHNICAL, PCBs

OCL 02 . 34 12:18



Hunting

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Huntingdon + Southwestern Laboratories 2575 Lone Star Dr. . P.O. Box 224227 Dallac, Toxas 75222 Telephone: (214) 631-2700 FAX: (214) 820-1681

#### REPORT OF SIEVE ANALYSIS

CLIENT: SwL - Analytical

Accn: Kyle Burroughs

P.O. Box 224227

Dallas, TX 75222-4227

PROJECT: USPCI

Sample RCTSPITI-001

CLIENT NO.: 0005455

**REPORT NO.: 15112** 

DATE OF SERVICE: 9/07/94 AUTHORIZATION: Bob Garrett

REPORT DATE: 9/26/94

SERVICES: Prepare and perform test on material delivered to Southwestern Labortories,

### REPORT OF TESTS

Particle-Size Analysis of Soils - ASTM D-422

Sieve Size	Percent Retained	Percent Passing
		reserue
3/8"	0	100
3/8" #4	ŏ	100 100
#10	0	100
<b>#</b> 40	1	99
<b>#</b> 200	11.0	89.0

Material description: Dark brown silty clay

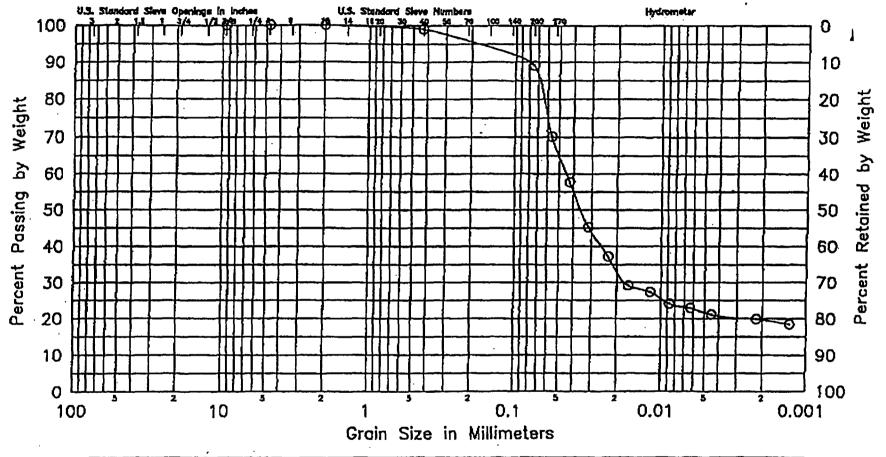
Technician: Max Richwine

Report Distribution: (1) SwL - Analytical

HUNTINGDON-SOUTHWESTERN LABS

F. King Cook, P.E.

# GRAIN SIZE DISTRIBUTION



GR	AVEL		SAND		SILT or CLAY
Coarse	Fine	Coorse	Medium	Fine	SILI OF CLAY
SYMBOL	BORING	DEPTH	SOIL DESCR	IIPTION	•
ഞ്ഞ	N/A	N/A	Dark brown	SILTY CLAY	

SwL Report No.: 15112

## Hydrometer Grain Size analysis

Job No.:	15112	Boring No.:	N/A	Dapth:	N/A	Date:	9-26-94		
Dry Weight of	Total Soil Sa	mpie (W))	500.00	8w					
Dry Weight of	Soll Retained	i on # 200 Slave	(W1)	54.90	gm	Dry Weight	of Tested Soll (Ws)		50,00 gm
Weight of Cal	gon Per 1,000	omi water (Rz)		5.00	gm				
Specific Gravi	ty	Gs≖	2.55		Correction for	Specific Gre	vity (a)	1.00	
Meniscus Rise	(MM)	1,0	Hydrometer 7	Гурв	152-H	i			
Tested By:	MDR	Data inputed i	By:	MDR	Checked By:		FKC.		

10:28am, 9-12-94

Watch Time	Elaped T(min	Temp Co	Яo	FR	Ro	N (%Finer)	Eff. Length	Factor K	Olameter	% finer	% retained
10:28am	0.25	20.83	50,50	0.98	45,66	91.72	7.89	0.01330	0.0747	81.64	18,56
	0.50	20.89	44.00	0.35	39.35	78.72	<b>5.95</b>	0.01430	0.0583	70.07	29,98
10:29	1.00	20,83	37.00	0.36	52.36	64.72	10.09	0.0(330	0.0423	57.81	42,50
10:30	2.00	20.53	30.00	0.86	25.36	50.72	11.24	0,01330	0.0315	45.15	54.65
10:32	4,00	20,83	25.50	0.36	20.86	41.72	11.97	0.01350	0.0290	37.13	62.67
10:38	8.00	20.85	21,00	0.35	16,38	92.72	12.71	0,01330	0.0168	29.12	70.88
10:44	18.00	20.53	20.00	0,36	15.35	30.72	12.87	0.01333	0.0119	27.34	72.66
10:58	30,00	20.83	18.20	0,36	19.56	27.12	18.16	0.01330	0,0088	24.14	75.56
11:28	60,00	20,69	17,50	0,96	12.56	25.72	19,28	0.01330	0,0069	22.89	77.11
12:28pm	120.00	20.53	16.50	0.56	11.85	29.72	13,44	0.01330	0.0045	21.11	78.89
<b>6</b> :25	480,00	21.67	15.60	0.57	11.17	22.54	13,59	0.01330	0.0022	19.68	80,12
10:25am	1440.00	20.83	15.00	0.36	10.36	20.72	13.69	0.01330	0,0019	18.44	81,56
5-13-94											

# Huntingdon

Engineering and Science for a Safer Environment

Huntingdon • Southwestern Laboratories 2575 Lone Star Dr. • P.O. Box 224227 Delas. Toxes 75222 Telephone: (214) 631-2700 FAX: (214) 920-1881

### REPORT OF SIEVE ANALYSIS

CLIENT: SwL - Analytical

Attn: Kyle Burroughs

P.O. Box 224227

Dallas, TX 75222-4227

PROJECT: USPCI

Sample RCTSPITI-002

CLIENT NO.: 0005455 REPORT NO.: 15113

DATE OF SERVICE: 9/07/94 AUTHORIZATION: Bob Garrett REPORT DATE: 9/26/94

SERVICES: Prepare and perform test on material delivered to Southwestern Laboratories

Dallas.

### REPORT OF TESTS

Particle-Size Analysis of Soils - ASTM D-422

Sieve Size	Percent Retained	Percent Passing		
	·			
3/8"	2	98		
44	7	93		
#10	13	87		
#40	19	81		
<b>#</b> 200	30.0	70.0		

Sample description: Dark brown silty clay

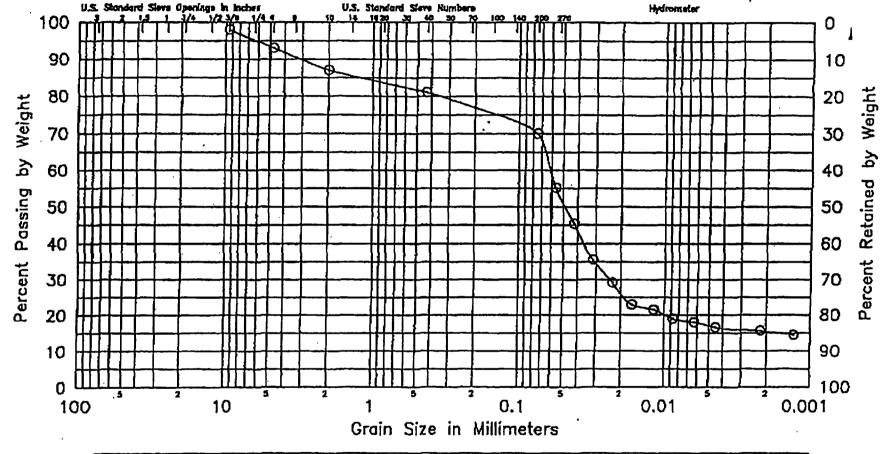
Technician: Max Richwine

Report Distribution:
(1) SWL - Anklytical

HUNTINGDON-SOUTHWESTERN LABS

F. King Cook, P.E.

# GRAIN SIZE DISTRIBUTION



GF	GRAVEL		SAND		VEL SAND		FILT OLAY
Coarse	Fine	Coarse	Madium	Fine	SILT or CLAY		
SYMBOL	BORING	OEPTH	SOIL DESCR	RIPTION			
ത്ത്ത	N/A	N/A	Dork brown	SILTY CLAY			

SwL Report No.: 15113

### Hydrometer Grain Size analysis

Job No.:	15112	Boring No.:	N/A	Dapth:	N/A	Date:	9-25-94		
Dry Weight of	Total Soll Sa	mple (Wit)	500.00	gm					
Dry Weight of	Soll Retained	on # 200 Sleve	(Wr)	150,00	gna	Dry Weight	of Tested Soil (W	's)	50.00 gm
Weight of Cal	gon Per 1,000	mi water (Rz)		5.00	द्वारा				
Specific Gray	ity	G4=	2,55		Correction to	r Specific Gra	tvity (a)	1.00	
Maniscus Ris	e (Rm)	1.0	Hydrometer 1	уре	152-H				
Tested By:	MDR	Outs Inputed B	y:	MDR	Chacked By:		FKC		

10:28am, 9-12-94

Walch Time	Elepad T(min	Temp 0c	Ro	Pt	Ro	N (%Finer)	Eff. Length	Factor K	Diameter	% finer	% retained
10:28am	0.25	20,83	50,50	0,36	45,88	91.72	7,89	0.01330	0.0747	64.20	35,80
	0.50	20.89	44.00	0.36	39.36	78.72	8,95	0.01330	0.0563	55.10	44.90
10,29	1.00	20.83	37.00	0.98	32,36	64.72	10.09	0.01330	0.0423	45.50	54,70
10:30	2.00	20,63	50,00	0.36	25.38	50.72	11.24	0.01330	0.0915	55.50	64,50
10:32	4.00	20.68	25.50	0.36	20.86	41.72	11.97	0.01330	0.0230	29,20	70.80
10,36	5.00	20.83	21.00	0.36	16.35	32.72	12.71	0.01330	0.0158	22.90	77.10
10:44	16.00	20.83	20.00	0.36	15.36	30.72	12.87	0.01330	0.0119	21.50	78,50
10:58	30.00	20.83	18.20	0.36	13,56	27.12	19.16	0.01350	0.0088	18,98	81.02
11:28	60.00	20,83	17.50	0,38	12.68	25.72	13.28	0,01850	0.0083	18.00	62.00
12:28pm	120.00	20.83	18.50	0.36	11,56	23,72	13,44	0.01530	0,0045	16.60	B3,40
5:28	450.00	21,67	15.60	0.57	11.17	22.34	13,59	0,01330	0.0022	15.69	84.87
10:28am	1440.00	20.83	15.00	0.36	10.36	20.72	13.69	0.01330	0.0013	14.50	85.50
5-13-94											

DCL 82 . 34 72: 72

Engineering and Science for a Safer Environment

2575 LONE STAR DRIVE . P.O. BOX 224227, DALLAS, TEXAS 75222 . 214/631-2700

CLIENE U.S. POLLUTION CONTROL, INC. 400 PLATTE VALLEY DRIVE

RIVERSIDE, NO. 64130

ACEA: KEN HEYER

Project SOIL MALYSIS

Client No. 24236757 Report No. D4-09-030 Report Date 10/03/94 14:41

Date Sampled 09/01/94

Sample Typo SOTID

Sampled By KEN MEYER

Transported by FEDBRAL EXPRESS

Date Received 09/07/94

LAD NO. D4-09-030-01

D4-09-030-02

Sample Identification

RCTSPITI-001 RCTSPITI-002

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HUNTENGON

William J Gase, Supervisor, PAS

Order # D4-09-030

10/03/34 14:41

Page 2

Client: U.S. POLIDITION CONTROL, INC.

Sample: 01A RCTSPITI-001

Collected: 09/01/94 :11:30

			<u>g</u>	atection	n Dose	
Test Name	<u>He thod</u>	Result	unite	Limit	Started	Analyst
ASDH 2488	ASTM 2488	Enclosure				C) CE
ASTM D422	ASTM D122	Enclosure				CHE
Molecure, Ash, Organica	ASTM 02974	2.9	PORGANIC		09/27/94	TLD
PCB	SW846 6090					
PCB 1016	SW646 8080	<1.00	MG/KG	1.00	09/14/94	HOU
PCB 1231	SW846 BDBD	<1.00	MO/KO	1.00	09/14/94	HOU
PCB 1232	SW846 8080	<1.00	MC/XG	1.00	09/14/94	טמנ
PCB 1242	SW846 #080	<1.00	MG/KG	1.00	09/14/94	HOD
PCH 1248	SW846 8080	<1.00	' M0/K0	1.00	09/14/94	HOU
PCB 1254	SU846 8080	<1.00	MG/KG	1.00	09/14/94	HOU
PCB 1260	SW646 8080	41,00	MG/KG	1.00	03/14/94	HOG

Sample: 02A ACTSPITI-002

Collected: 09/01/34 11:30

				Detection	Date	
Test Name	<u> Hethod</u>	Result	Polta	Limit	Stacked	Analyac
ASTM 2488	ASTM 2488	Enclosure				C) US
ASTM D422	ASTM D122	Bnclosure		_		O/E
Moisture, Ash, Organics	<b>ASTH D2974</b>	2.7	RORGANIC		09/27/94	TLD
PCB	SW846 W080					
PCB 1016	SW844 8080	<1.00	HG/103	1.00	09/14/94	HOO
PCB 1221	54846 6080	<1.00	HG/XG	1.00	09/14/94	HOG
PC9 1232	54846 608D	<1.00	HO/KG	1.00	09/24/94	HOU
PCB 1242	SH046 #080	<1.00	HG/KG	1.00	09/14/94	HOU
PCB 1246	59846 8020	<1.00	HG/KG	1.00	09/14/54	HOG
PCB 1754	. SHR46 8980	<1.00	'HG/KG	1.00	09/14/94	Hou
PCB 1260	SW846 8080	41.00	HC/KG	1.00	09/14/94	HOU

### **ATTACHMENT 8**

# TYPE A2 AGGREGATE (GRAVEL) SOURCE GEOTECHNICAL, PCBs

Engineering and Science for a Safer Environment

Huntingdon . Southwestern Laboratories 2575 Lone Star Dr. . P.O. Box 224227 Dalles, Taxas 75222 Telephone: (214) 631-2700 FAX: (214) 920-1891

#### REPORT OF SIEVE ANALYSIS

CLIENT: SwL - Analytical

Attn: Kyle Burroughs

P.O. Box 224227

Dallas, TX 75222-4227

PROJECT: USPCI

Sample RCAGPITI 001

**CLIENT NO.: 0005455** 

**REPORT NO.: 16206** 

DATE OF SERVICE: 9/20/94 AUTHORIZATION: Ken Keyers

REPORT DATE: 9/26/94

SERVICES: Prepare and perform test on material delivered to Southwestern Laboratories

#### REPORT OF TESTS

Particle-Size Analysis of Soils - ASTM D-422

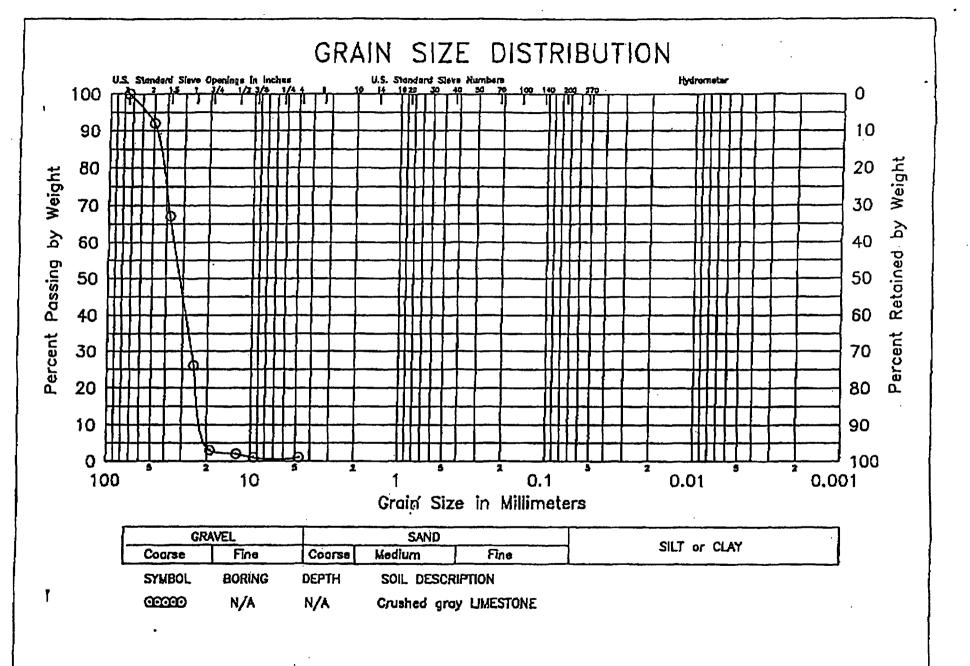
Sieve	Percent	Percent
Size	Retained	Passing
	V-17-12-7-12-7-12-7-12-7-12-7-12-7-12-7-	
3*	0	100
2*	8	98
1 1/2"	33	67
1"	74	26
3/4"	97	3
1/2"	98	2
3/8"	99	1
#4	99	1

Material description: Crush gray limestone

Technician: Max Richwine

Report Distribution: (1) SuL - Analytical

HUNTINGDON-SOUTHWESTERN LABS



SwL Report No.: 16206

OCT 85 '94 15:22

# Huntingdon

Engineering and Science for a Safer Environment

Huntingdon - Southwestern Laboratories 2575 Lone Star Dr. . P.O. Box 224227

Dellas, Texas 75222

Telephone: (214) 631-2700

FAX: (214) 820-1891

#### REPORT OF SIEVE ANALYSIS

CUENT: SwL - Analytical

Attn: Kyle Burroughs

P.O. Box 224227

Dallas, TX 75222-4227

PROJECT: USPCI

Sample RCAGPITI 002

**CUENT NO.: 0005455** 

**REPORT NO.: 16207** 

DATE OF SERVICE: 9/20/94

AUTHORIZATION: Ken Meyers

REPORT DATE: 9/26/94

SERVICES: Prepare and perform test on material delivered to Southwestern Labortories,

Dallas.

#### REPORT OF TESTS

Particle-Size Analysis of Soils - ASTM D-422

	· <del>-</del>	
Sieve	Percent	Percent
Size	Retained	Passing
3*	Q	100 `
2"	11	89
1 1/2"	29	71
1*	74	26
3/4*	95	5
3/4" 1/2"	98	2
3/8"	99	ī
44	99	i

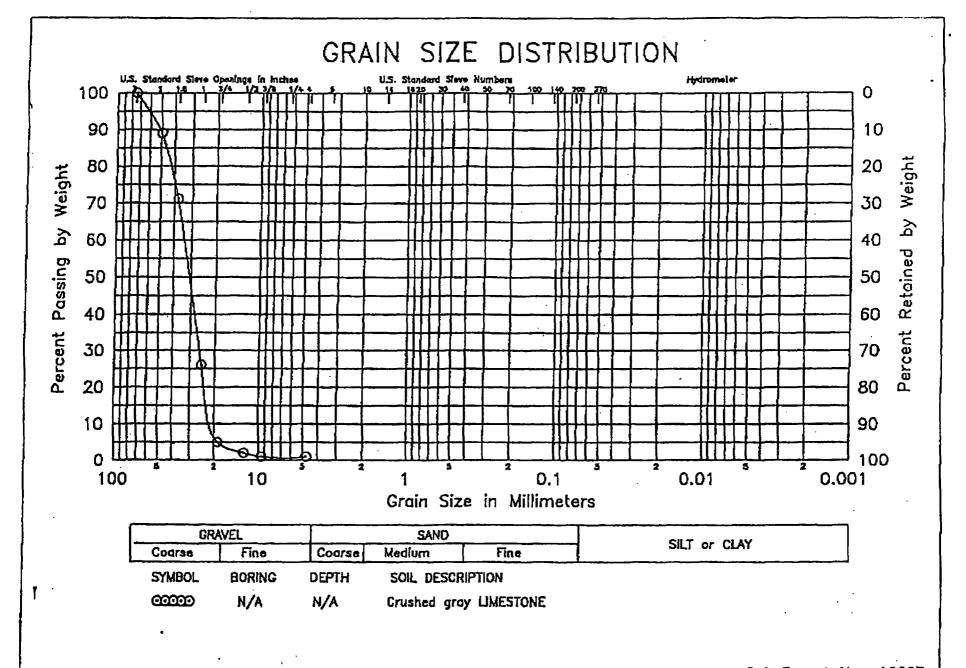
Material description: Crush gray limestone

Technician: Max Richwine

Report Distribution: (1) Swt - Analytical

HUNTINGDON-SOUTHWESTERN LABS

F. King Cook,

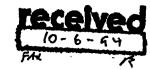


SwL Report No.: 16207

P.10/15

OCL 02 . 24 12:50

محررد ال



Type AZ aggrapese
197 AZ aggrapese
10-6 K

Client No. 24296757

Report 70. D4-05-168

Report Date 10/03/94 14:25

Engineering and Science for a Safer Environment

2576 LONG STAR PRIVE . P.O. BOX 224227, DALLAS, TEXAS 75222 . 214/631-2700

Client U.S. POLLUTION CONTROL, INC.

400 PLATTE VALLEY DRIVE

RIVERSIDE, MO. 64150

ALER: KEN HEYER

Project PCB/ASTM D2487 ANALYSIS

Date Sampled 09/15/24\_

Sampled By KEN HEYER

Sample Type SOLID

Transported by PED EX

Date Received 09/19/94

Lab No.

D4-09-168-01

04-09-168-02

Sample Identification

RC-AGPITI-001

RC-AGPITI-002

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HUNTINGDON

William J Goec, Supervisor. EAS

Page 2

RESTRICTION

0=3cr # D4-09-164 10/03/94 16:25

TEST RESULTS BY SAMPLE

Client: U.S. POLLUTION CONTROL, INC.

Sample: ULA RC-AGPITI-001

Collected: 05/15/94

				Detectio	n Date	
Tost Name	method	Remulz	imite	<u>Limie</u>	Started	Analyse
PCB	SW84E \$080					
PCB 1016	SM846 8920	<1.0	HG/KG	1.0	10/03/94	ROU
PCB 1221	50846 8080	<1.0	H0/103	1.0	10/03/94	HOU
PCB 1232	54846 8080	<1.0	MG/XG	1.0	20/03/94	ноц
PCB 1242	SWE46 EGEG	<1.0	MG/KG	1.0	10/03/94	HOU
PCB 1248	ZN846 8080	<1.0	MG/XG	1.0	10/03/94	KOU
PCB 1254	SWE4E BOEG	<1.0	M3/XG	1.0	10/03/94	HOU
PCB 1260	33846 9020	∢].0	MG/XG	1.0	10/03/94	HOU
Sent Out for Purther Analy	Sent Out	Enclosure	Date Com			

Sample: 02A RC-AGPITI-002

Collected: 09/15/94

				Decection	n Date	
Test Name	Method	Result	Unica	<u>Limit</u>	Started	Analyac
PCB	SW846 8080					
PCB 1016	S4846 B080	<1.0	MG/KG	1.0	10/03/94	НОФ
PCB 1221	58844 1060	<1,0	NG/KG	1.0	10/03/94	HCC
PCD 1232	54846 8080	<1.0	MO/KG	1.0	10/03/84	DOK
PCB 1242	SHE46 BDB0	<1.0	HG/XC	1.0	10/03/94	HOQ
PC8 1248	SMB46 EDEG	<1.0	MG/KQ	1.0	10/03/94	HOU
PCB 1254	54846 B080	<1.0	HC/KG	1.0	10/03/94	HOU
PCB 1260	SM846 8080	41.0	MG/KQ	1.0	10/03/34	UCK
Sent Out for Further Analy	Sent Out	Enclosure	Date Com			

### **ATTACHMENT 9**

# TYPE A3 AGGREGATE (SAND) SOURCE GEOTECHNICAL, PCBs

# Huntingdon

Engineering and Science for a Safer Environment

Huntingdon • Southwestern Laboratories 2575 Lone Star Dr. ● P.O. Box 224227

Dallas, Texas 75222

Telephone: (214) 631-2700

FAX: (214) 920-1891

#### REPORT OF MOISTURE-DENSITY RELATIONS

CLIENT: SwL - Analytical

Attn: Kyle Burroughs

P.O. Box 224227

Dallas, TX 75222-4227

PROJECT: USPCI

Project No.: 54559406205

**CLIENT NO.: 0005455 REPORT NO.: 12586** 

DATE OF SERVICE: 6/28/94

AUTHORIZATION: Bob Garrett

6/28/94

SAMPLE LOCATION: Material was f.o.b.

REPORT DATE: 7/07/94

DATE SAMPLED:

SAMPLED BY: Others

SERVICES: Prepare samples delivered to laboratory and perform moisture-density ...

relations test to establish maximum density and optimum moisture of

the material.

#### PROJECT DATA

CONTRACTOR: Not available

TEST FOR: Not available

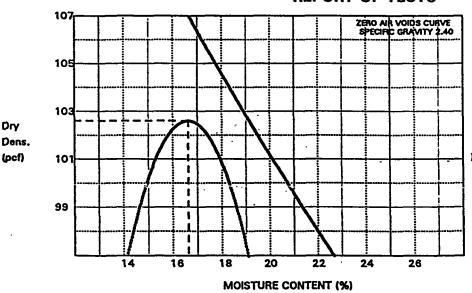
MATERIAL: See additional comments

METHOD OF TEST: ASTM D698, Method A

ASTM D4318, Proc. A

ASTM D422

#### REPORT OF TESTS



MAXIMUM DENSITY, PCF: 102.5

**OPTIMUM MOISTURE (%):** 16.5

> PLASTICITY INDEX: NP

NP equals non-plastic

Comments: Soil description: Gray poorly graded sand with clay or silt (SP-SC)

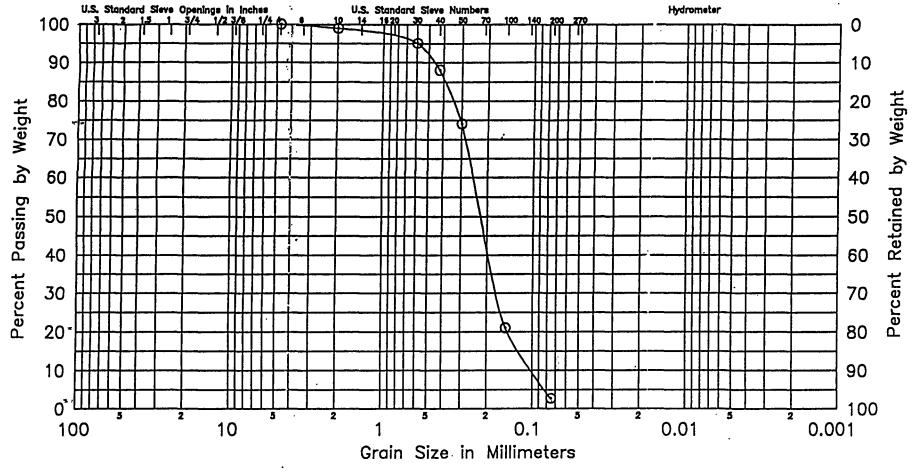
Technician: Shon Anderson

**Report Distribution:** (1) SwL - Analytical

**HUNTINGDON • SOUTHWESTERN LABS** 

Tim Begole





GR	AVEL		SAND		SUT on CLAY
Coarse	Fine	Coarse	Medium	Fine	SILT or CLAY
SYMBOL	BORING	DEPTH	SOIL DESCR	RIPTION	•
ഞ്ഞ	N/A	N/A	Poorly grade	ed SAND with C	LAY or SILT

SwL Report No.: 12586

# Huntingdon

Engineering and Science for a Safer Environment

2575 LONE STAR DRIVE . P.O. BOX 224227, DALLAS, TEXAS 75222 . 214/631-2700

Client U.S. POLLUTION CONTROL, INC. 400 PLATTE VALLEY DRIVE

RIVERSIDE, NO. 64150

ACEN: KEN MEYER

Project RCSAPITI-001

Date Sampled 06/24/94

P.O. # \_\_\_\_\_

Sample Type SOLID

Lab Ho D4-06-205-01 Sampled By KAN MKYER

Transported by FEDERAL EXPRESS

Date Received 05/27/94

Sample Identification

RCSAPITI-001

**WALLESCE** 

Client No. 24296757

Report No. D4-06-205

Report Cate 08/22/94 09:36

William J Case, Supervisor, EAS



Page 2

HUNTERCON

Order # D4-06-295 01/22/34 09:36

TEST RESULTS BY SAMPLE

Client: U.S. POLICTION CONTROL, INC.

Sample: 01A RCSAPITI-001

Collected: 06/24/94 61:45

				Detection	<u>Date</u>	
Test Mone	Method	Resulc	Unita	Limit	Started	<u>Analyst</u>
A9TH 2488	ASTH 2480	<b>Enclosur</b> c	DATE COM		06/28/94	Ch45
ASTM D122	ASTH P422	Inclosure	DATE COM		06/28/94	00
ASTH D698	ASTM DESS	Enclosure	DATE CON		06/28/91	CHE
MOISTONE, ASH, ORGANICS	ASTH D2974	0,3	PORCAPIC		07/07/34	C.
PCB	2M846 8080					
PCB 1016	SW846 BC80	<0.025	HG/KG	4.025	07/02/94	RJG
PCB 1221	54146 8040	<0.025	HG/MZ	0,025	07/61/91	mJQ
PGP 1232	SW846 8080	<0.025	MG/303	0.02\$	07/01/94	HJQ
PCB 1242	84846 BD8G	<0.025	WO/KG	0.025	07/01/94	ric
PCB 1248	5 <b>4446 8</b> 080	<0.025	HC/KG	0.025	07/01/94	MJG
PCB 1254	SW846 8088	40.025	MG/XQ	0.025	07/01/34	HJG
PCB 1260	54446 8080	<0.025	NG/NG	0,025	07/01/94	A3G
Pesticide	SH846-8080				•	
Aldrin	S#846-2040	<0.025	MQ/KG	0.025	07/02/94	MIG
Alpha-BHC	5¥846-8080	<0.02\$	MG/X3	9.02\$	07/01/94	KIG
Beca-BRC	54846-8080	<9.025	MG/KG	0.025	07/01/34	MJC .
Delta-BMC	59614-6080	<0.025	MG/XX	0.025	07/01/34	#1G
Chlordane	3M646-6060	<0.025	MG/KG	0.025	07/01/94	MJG
4.4-DDD	54646-8080	<0.025	MC/MI	0.02\$	07/05/96	MJQ
4.4-DDB	SW115-6080	40.035	HD/KC	0.025	07/01/94	KJG
4,4-DDT	24846-9080	<0.025	HC/RG	0.025	07/02/94	MJC
Dieldrin	24846-B080	<0.025	MG/KD	0.025	07/01/94	MJG
Endosulfan I & II	34846-808Q	40.025	MQ/100	Q.025	07/01/94	KIG
andosulian sulface	54646-8080	<0.025	MG/KG	0.025	07/01/94	MJG
Endris	SHE46-8080	<0,025	MC/EG	0.525	07/01/55	DEN
Heptschlor	SW646-2060	<0.025	141/103	0.023	07/01/94	<b>MJG</b>
Meptachlor spoxide	5#844-8080	<0.625	MG/XG	0.025	67/01/94	#2G
Lindane	5 <b>3</b> 346-8080	<0.025	MG/IKG	0.025	07/01/94	MJG
Toxaphene	\$1846-9086	<0.025	MG/NG	0,025	07/01/34	wJG
Tetal PCB'S	SN846-8089	<0.025	HG/10	0.025	07/02/94	NJG

## **ATTACHMENT 10**

# TYPE S1 SOIL (FILL) IN-SITU COMPACTION

Date:

April 6, 1995

**USPCI** 

400 Platte Drive Riverside, MO 64150

Attention:

Mr. Ken Meyer

Re:

Rose Chemical, Holden, Missouri

Job No:

02941259.009

Gentlemen:						
We are transmitting   ☑ herew ☐ under		_copies of the				
Regarding:  Compacted Fills  Footings  Drilled Piers  Piles  Concrete  Asphalt  Roofing  Aggregate  Non-destructive Testing of Steel  Non-destructive Testing of Concrete  Grain Size Analysis	Data	☐ Geologic Report of ☐ Seismic Survey ☐ Resistivity Survey ☐ Site Rock Conditions ☐ Aggregate Development ☐ General Information ☐ Technical Expertise ☐ Resumes ☐ Other ☐ Report will follow under separate cover				
On-site observation services were provided						
Remarks:						
•		• .				

14700 W. 107th Street Lenexa, Kansas 66215

(816) 891-7717

(913) 492-7777 Fax (913) 492-7443

7810 N. W. 100th P. O. Box 901541 Kansas City, Missouri 64190-1541

War ! V.

TERRACON CONSULTANTS, INC.

Yours truly,

Kent D. Dvorak, P.E.

	FIELD COMPACTION REPORT  Job No. 02941259										
l tob !	Job Name and Location Rose Chemical										
	Job Name and Location Rose Chemical Date 3/28/95  Architect or Engineer								3/33		
										<del>-</del>	
Cont		USPCI Method of Densit				Sand Cone	Mathad	Doto	<u> </u>		
	•	Method of Denti	ry Meas	uremei		Nuclear Me		Datu			
Test No.	Date	Location	Lift No. or Elev.	Mtl. Mark	Haximum Lab Dry Density	In-Place Wet Density	Water Content	In-Place Dry Density	Percent Comp.	Comments	
21	3/22	100ft E of Stake #209	Grade	A	105.0	121.5	22.6	99.1	94		
22	3/23	50ft W of E Line 250ft S of N Lne		A	105.0	121.5	26.0	96.4	92		
23		80ft S of N Line 170ft W of E Lne	One de	٨	105.0	116.5	19.1	97.8	93		
24	11	40 W of Well 104 30 S of Well 104		A	105.0	134.5	15.0	116.9	100	Contains L.S. pieces	
25		40ft N of S Line 100ft W of E Lne		A	105.0	120.0	25.6	95.5	91		
26	3/24	30 E of Well 106 50 N of Well 106	0	A	105.0	126.5	17.6	107.5	100	Contains L.S. pieces	
27	• •	80 N of Well 109 30 W of Well 109	Coordo	A	105.0	127.0	19.5	106.2	100-	Contains L.S. pieces	
28	••	30 S of Well 107 20 W of Well 107	Canda	A	105.0	123.5	18.2	104.4	99	<u></u>	
29	••	80 N of Well 104	Grade	A	105.0	118.5	17.9	100.5	96		
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									•		
									•		
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NOTES: Densities shown: pounds per cubic foot Water Content: Percent of dry weight

Percent Compaction: Based on maximum dry density obtained on sample indicated by material mark.



Date:

March 31, 1995

**USPCI** 

400 Platte Drive Riverside, Missouri 64150

CONSULTANTS, INC. 14700 W. 107th Street

Lenexa, Kansas 66215 (913) 492-7777 Fax (913) 492-7443

7810 N. W. 100th P. O. Box 901541 Kensas City, Missouri 64190-1541

			(816) 891-7717					
Attention:	Ken Meyer							
Re:	Rose Chemical							
Job No:	02941259							
Gentlemen:								
We are trans		rith separate cover .3	copies of the					
of Steel  Non-des  of Cond	cted Fills s Piers te ate structive Testing I structive Testing	Data	☐ Geologic Report of ☐ Seismic Survey ☐ Resistivity Survey ☐ Site Rock Conditions ☐ Aggregate Development ☐ General Information ☐ Technical Expertise ☐ Resumes ☐ Other ☐ Report will follow under separate cover					
We have no	On-site observation services were provided							
Remarks: _			·····					
		**************************************						
Yours truly, TERRACON	CONSULTANTS, INC.	7						

Job N	ame and	l Location Rose	<u>Chemica</u>	<u>1</u>				Date	3/31	/95
Architect or Engineer										
		Method of Densi		ıremen	it 🗆 S	and Cone	Method	Datus	n Grade	
			•			luclear Me				
Test No.	Date	Location	Lift No. or Elev.	Mtl. Mark	Maximum Lab Dry Density	In-Place Wet Density	Water Content	In-Place Dry Density	Percent Comp.	Comments
30	3/30	30ft S of #105 20ft W of #105	Grade	A	105.0	124.3	21.4	102.3	97	
31	6)	40ft E of Hell #204	••	٨	105.0	123.9	16.9	105.9	100	
32	11	40 ft N of S Fence Line 50 ft	,,	A	105.0	119.1	21.2	98.3	94	
33	••	East of South Gate		A	105.0	121.7	21.1	100.4	96	Retest #32
		196 f								
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			<b>†</b>							
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Percent Compaction: Based on maximum dry density obtained on sample indicated by material mark.

## **ATTACHMENT 11**

# TYPE S2 SOIL (SITE) IN-SITU COMPACTION

$\Box$	2	•~	٠.
1,	<b>a</b>		۲.

March 16, 1995

USPCI

400 Platte Drive

Riverside, Missouri 64150

CONSULTANTS, INC. 14700 W. 107th Street Lenexa, Kansas 66215 (913) 492-7777 Fax (913) 492-7443

7810 N. W. 100th P. O. Box 901541 Kansas City, Missouri 64190-1541 (816) 891-7717

Attention:	Ken Meyer		•	
	•			
Re:	Rose Chemical			
Job No:	02941259			
Gentlemen:				
We are trans	<del>-</del>	ith separate cover3	_copies of the	
of Steel  Non-des  of Conc	eted Fills s Piers e ate structive Testing	Data	☐ Geologic Report of ☐ Seismic Survey ☐ Resistivity Survey ☐ Site Rock Conditions ☐ Aggregate Development ☐ General Information ☐ Technical Expertise ☐ Resumes ☐ Other ☐ Report will follow under separate cover	
We have not		oret the data or to make desig	☐ Part time  n and/or construction recommendations based terpretation of this data by others.	
Remarks: _				
Yours truly,	•	•		
TERRACON	CONSULTANTS, INC.	·	·	
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··· <del>-</del>	FIELD COMPACTION REPORT  Job No. 02941259									
Job N	Job Name and Location Rose Chemical Date 3/16/95						5/95			
Archi	tect or En	igineer								<u> </u>
Contr	actor									
		Method of Dens	ity Measu	ıremei	ıt 🗆	Sand Cone	Method	Datu	m	
				•	X	Nuclear Me	thod		•	
Test No.	Date	Location	Lift No. or Elev.	Mtl. Mark	Maximum Lab Dry Density	In-Place Wet Density	Water Content	In-Place Dry Density	Percent Comp.	Comments
10	3/15	Well 205 30 ft north	-1.0ft		101.4	122.2	20.4	101.4	1/00	99
11	• •	N.E. Corner 100 ft south	1.1		92.5	117.6	26.8	92.7	100	91
12	11	Well 110 100 ft south	1 1		96.0	118.3	23.1	96.1	100	94
13	11	Well 110 300 ft south	11		94.7	116.8	23.2	94.8	190	93
14	11	Well 206 20 ft east	11		96.5	115.8	19.8	96.7	100	95
15		Well 109 50 ft west	1.6		95.2	115.6	21.3	95.3	100	93
16	11	Well 208 20 ft north	• 1		99.6	123.6	23.9	99.8	100	98
17	***	Well 208 100 ft west	••		101.6	124.0	21,9	101.7	100	100
18		Well 113 70 ft east	''		99.5	121.4	21.9	99.6	do	98
19	11	Well 203 70 ft east	11		94.2	119.3	26.5	94.3	lob	92
20	8.8	Well 206 15 ft south	.,		/98.	121.0	23.2	98.2	hod	96
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					proctor				completion	
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NOTES: Densities shown: pounds per cubic foot Water Content: Percent of dry weight

Percent Compaction: Based on maximum dry density obtained on sample indicated by material mark.

### **ATTACHMENT 12**

# TYPE S3 SOIL (TOPSOIL) IN-SITU ORGANIC MATTER



Maxim Technologies \* HUNTINGDON ENG. & ENVIRON. 2575 LONE STAR DRIVE \* P.O. BOX 224227

DALLAS, TEXAS 75222 Telephone: 214/631-2700

Fax:

Client Scott Ely
Laidlaw Environmental Service
1123 Lumpkin Road
Houston, TX 77043

Client No. PENDING
Report No. D5-07-027
Report Date 07/26/95 12:31

Project 5011 Analysis	Phone: 713-935-3518 Fax:
Date Sampled	Sampled By <u>Kathleen Taylor</u>
Sample Type Solid	Transported by <u>Fed Ex</u>
P.O. #	Date Received 07/11/95
Lab No.	Sample Identification
05-07-027-01	TSE01
05-07-027-02	TSE02
D5-07-027-03	TSE03
05-07-027-04	TSE04
05-07-027-05	TSE05
D5-07-027-06	TSE06
05-07-027-07	TSE07
D5-07-027-08	TSE08
05-07-027-09	TSE09
D5-07-027 <b>-</b> 10	TSE10

Our letters and reports are for the exclusive use of the client to whom they are addressed and shall not be reproduced except in full without the approval of the testing laboratory. The use of our name must receive our prior written approval.

Reviewed By

HUNTINGDON

Bob Garrett, Manager, EAS

TEL NO:214 920 1891

HUNTINGDON

Order # 05-07-027

07/26/95 12:31

TEST RESULTS BY SAMPLE

Page 2 of 3

1

Client: Laidlaw Environmental Service

Sample: 01A TSE01

Collected:

Category: S

<u>Test Name</u>

Moisture, Ash, Organics

<u>Method</u> ASTM D2974 Result Units 4.1 %

Octection Date

Limit Started Analyst

07/20/95 HS

Sample: 02A TSE02

Collected:

Category: S

Test Name

Moisture. Ash, Organics

<u>Hethod</u> ASTH D2974 Result Units 3.8 %

Detection Date

<u>Limit</u> Started Analyst

07/20/95 HS

Sample: 03A TSE03

Collected:

Category: S

Test Name

Moisture, Ash, Organics

<u> Method</u> ASTH D2974 Result Units 3.8 %

Detection Date

<u>Limit</u> Started Analyst

07/20/95 HS

Sample: 04A TSE04

Collected:

Category: \$

Test Name

Moisture. Ash. Organics

<u>Method</u> **ASTH D2974**  Result Units 4.2 %

<u>Detection</u> <u>Date</u>

<u>Limit</u> <u>Started</u> <u>Analyst</u>

07/20/95 MS

Sample: 05A TSE05

Collected:

Category: S

Test Name

Moisture, Ash, Organics

<u>Hethod</u> **ASTH D2974**  Result Units 4.4 %

Detection Date Limit Started Analyst

07/20/95 MS

Sample: 05A YSE06

Collected:

Category: S

Yest Name

Moisture, Ash. Organics

<u> Method</u> **ASTH D2974**  Result Units 4.6 %

Detection Date

Limit Started Analyst

07/20/95 HS

JUL-28-'95 FRI 10:45 ID: SWL/DAL TEL NO:214 920 1891

#473 P04

HUNTINGDON

Order # 05-07-027

07/26/9\$ 12:31

TEST RESULTS BY SAMPLE

Page 3 of 3

Client: Laidlaw Environmental Service

Sample: 07A TSE07

Collected:

Category: S

Test Name

Moisture, Ash, Organics

<u>Method</u> ASTM D2974 Result Units 5.3 %

Detection Date

Limit Started Analyst

07/20/95 MS

Sample: OBA TSEO8

Collected:

Category: 5

Test Name

Moisture, Ash. Organics

<u>Method</u> ASTH 02974 <u>Result Units</u> 4.2 %

Detection Date

<u>Limit</u> Started Analyst

07/20/95 MS

Sample: 09A TSE09

Collected:

Category: S

Test Name

Moisture, Ash, Organics

<u>Method</u> ASTM D2974 Result Units 3.8 %

Detection Date

Limit Started Analyst

07/20/95 MS

Sample: 10A TSE10

Collected:

Category: S

<u>Test Name</u>

Moisture, Ash. Organics

Method ASTH D2974

Result Units 4.2 %

<u>Detection</u> <u>Date</u>

Limit Started Analyst

07/20/95 MS

# ATTACHMENT 13 DATA VALIDATION CHECKLIST

Completed by: Date: Laboratory used: Page 1 of 2		Rose Chemical Site Holden, Missour Project No. 30227.0
-----------------------------------------------------------	--	--------------------------------------------------------------

#### **Data Validation Checklist**

=	•		
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	<del> </del>		
Sample Description (	(circle correct selection)		
Sample category:	Waste Characterization Fi	ield Inves	stigation PEPVP
Sample medium:	Soil, concrete, sediment, was	tewater,	wastewater treatment sludge, drilling
	cuttings, potable water supply, ot	her (descr	ibe)
Sample type:	Grab or composite		
	ermation (complete both section	ns when	more than one type of analysis was
requested)  1 Analysis requested	(Method No.):	5	Date samples collected:
•	(Method No.):		
	ne for extraction:		Date samples extracted
3. MEH 100 HOWING 1111	<del></del>		Holding time requirements met? Yes/N
4 Method holding time	a inransiveie.		
4. Method holding time	e for analysis:		Thorang into requirements men real
-	gnature obtained? Yes/No		ain-of-Custudy Form No.:

continued

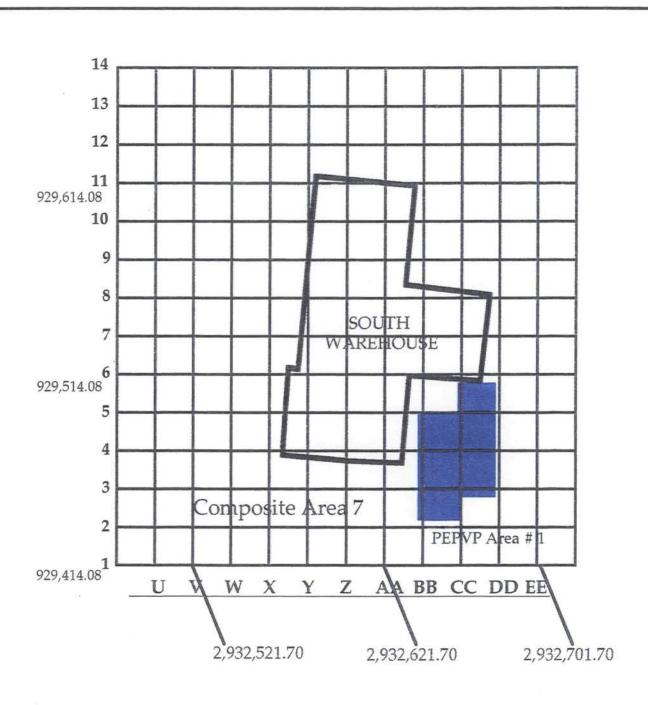
Completed by:	
Date:	
Laboratory used:	
Page 2 of 2	

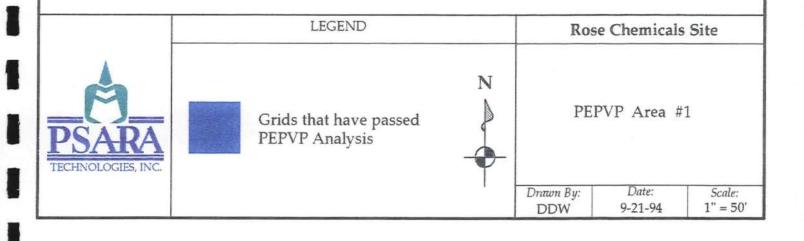
Rose Chemical Site Holden, Missouri Project No. 30227.01

#### Data Validation Checklist (continued)

Comments	(summarize	any	problems	or qu	ualificatio	ns rep	orted	by labo	ratory)	
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## ATTACHMENT 14 PEPVP AREA DATA TABLES AND MAPS





## Post-Excavation Performance Verification PEPVP Area #1 Chain-of-Custody 20812

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-AA3/BB3-10	A320520	Area 7, Grid AA3, 0-10" Depth	PCB/8080	8	BDL	1.77
RC-SS-AA2/BB2-10	A320521	Area 7, Grid AA2, 0-10" Depth	PCB/8080	5	BDL	2.84
RC-SS-BB4/BB5-10	A320522	Area 7, Grid BB4, 0-10" Depth	PCB/8080	8	1.5	1.77
RC-SS-CC3-10	A320523	Area 7, Grid CC3, 0-10" Depth	PCB/8080	7	BDL	2.03
RC-SS-CC4-10	A320524	Area 7, Grid CC4, 0-10" Depth	PCB/8080	5	BDL	2.84
RC-SS-CC5-10	A320525	Area 7, Grid CC5, 0-10" Depth	PCB/8080	8	BDL	1.77

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

Example Calculation to Determine Action Level for Composite Sample at 99.5% Confidence:

#### Sample Number RC-SS-AA3/BB3-10

(.80)(10 ppm) + (2.576)(.80)(0.30)(10 ppm) = 14.18 ppm/8 = 1.77 ppm

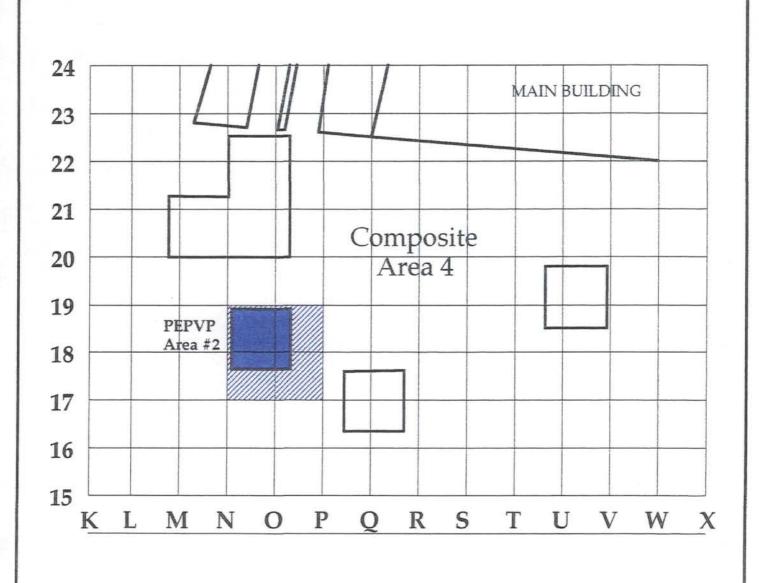
Where: .80 is a method accuracy of 80%

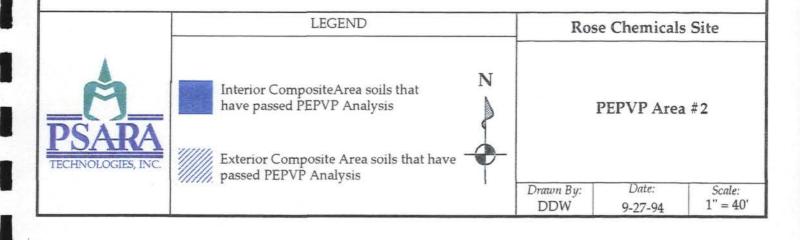
10 ppm is cleanup criterion

2.576 is coefficient from normal distribution curve for 99.5% confidence

0.30 is relative standard deviation for method 8 is number of grabs comprising composite

<sup>\*\*</sup> Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).





#### Interior

Chain-of-Custody 22362

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-N17-10	A319076	Composite Area 4, Grid N17, 10" Depth	PCB/8080	3	BDL	4.73
RC-SS-N17-10-REP	A319077	Composite Area 4, Grid N17, Replicate	PCB/8080	3	BDL	4.73
RC-SS-N18-16	A319078	Composite Area 4, Grid N18, 16" Depth	PCB/8080	13	BDL	1.1
RC-SS-O17-10	A319079	CompositeArea 4, Grid O17, 16" Depth	PCB/8080	2	BDL	7.1
RC-SS-O18-16	A319080	Composite Area 4, Grid O18, 16" Depth	PCB/8080	7	BDL	2

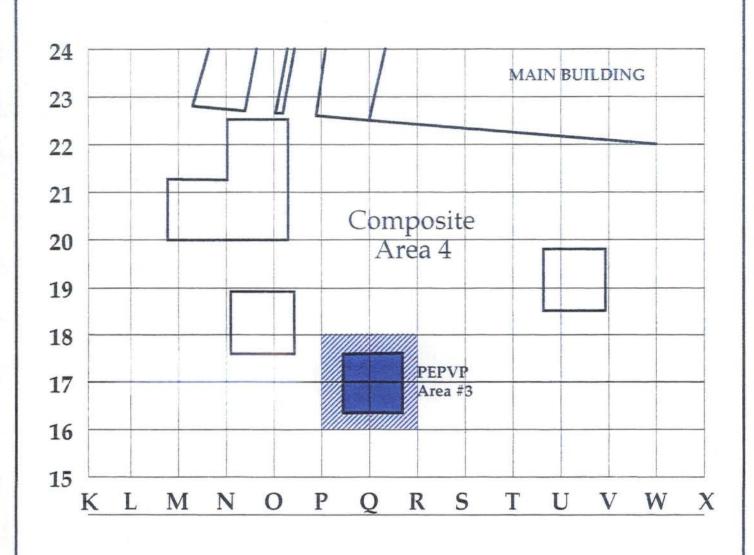
#### PEPVP Area #2

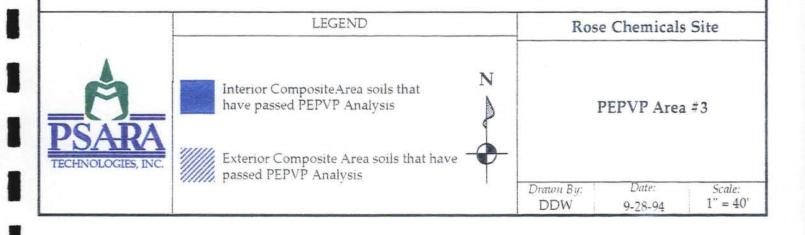
#### Exterior

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-N17-0	A320114	Composite Area 4, Grid N17, 0" Depth	PCB/8080	3	BDL	4.73
RC-SS-N18-0	A320115	CompositeArea 4, GridN18, 0" Depth	PCB/8080	5	1.1	2.84
RC-SS-O17-0	A320116	Composite Area 4, Grid O17, 0" Depth	PCB/8080	1	BDL	10
RÇ-SS-O18-0	A320117	Composite Area 4, Grid O18, 0" Depth	PCB/8080	1	BDL	10

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).





#### Interior

Chain-of-Custody 22355

Composite Sample Identification	Laboratory Identification	Sample . Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-Q17/R17-16	A317845	Composite Area 4, Grid Q17, 16" Depth	PCB/8080	6	BDL	2.36
RC-SS-P17/Q17-16	A317846	Composite Area 4, Grid P17, 16" Depth	PCB/8080	9	BDL	1.58
RC-SS-Q16/R16-10	A317850	Composite Area 4, Grid Q16, 10" Depth	PCB/8080	4	BDL	3.55
RC-SS-P16/Q16-10	A317851	CompositeArea 4, Grid P16, 10" Depth	PCB/8080	5	BDL	2.83

#### PEPVP Area #3

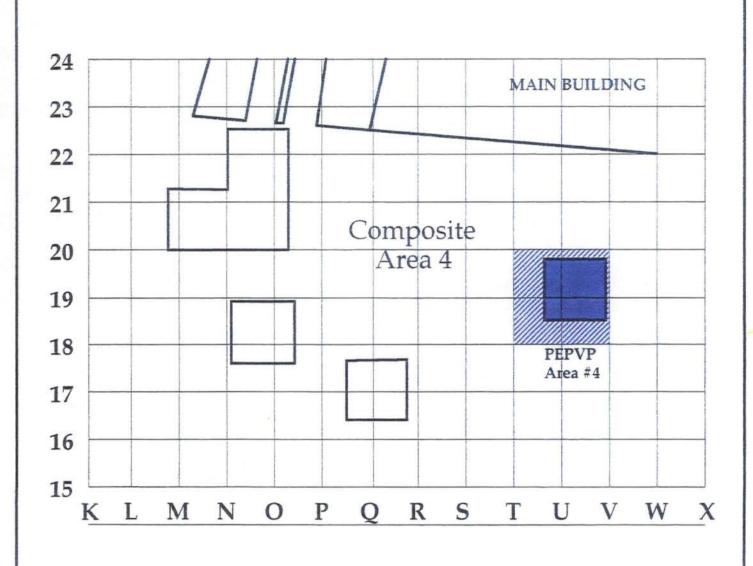
#### Exterior

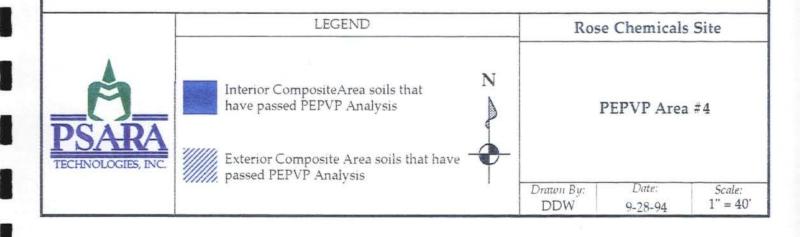
Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-Q17/R17-0	A317849	Composite Area 4, Grid Q17, 0" Depth	PCB/8080	4	BDL	3.55
RC-SS-P17/Q17-0	A317847	Composite Area 4, Grid P17, 0" Depth	PCB/8080	3	BDL	4.73
RC-SS-Q16/R16-0	A317848	Composite Area 4, Grid Q16, 0" Depth	PCB/8080	4	BDL	3.55
RC-SS-P16/Q16-0	A317852	CompositeArea 4, Grid P16, 0" Depth	PCB/8080	3	BDL	4.73



<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).





#### Interior

Chain-of-Custody 20039

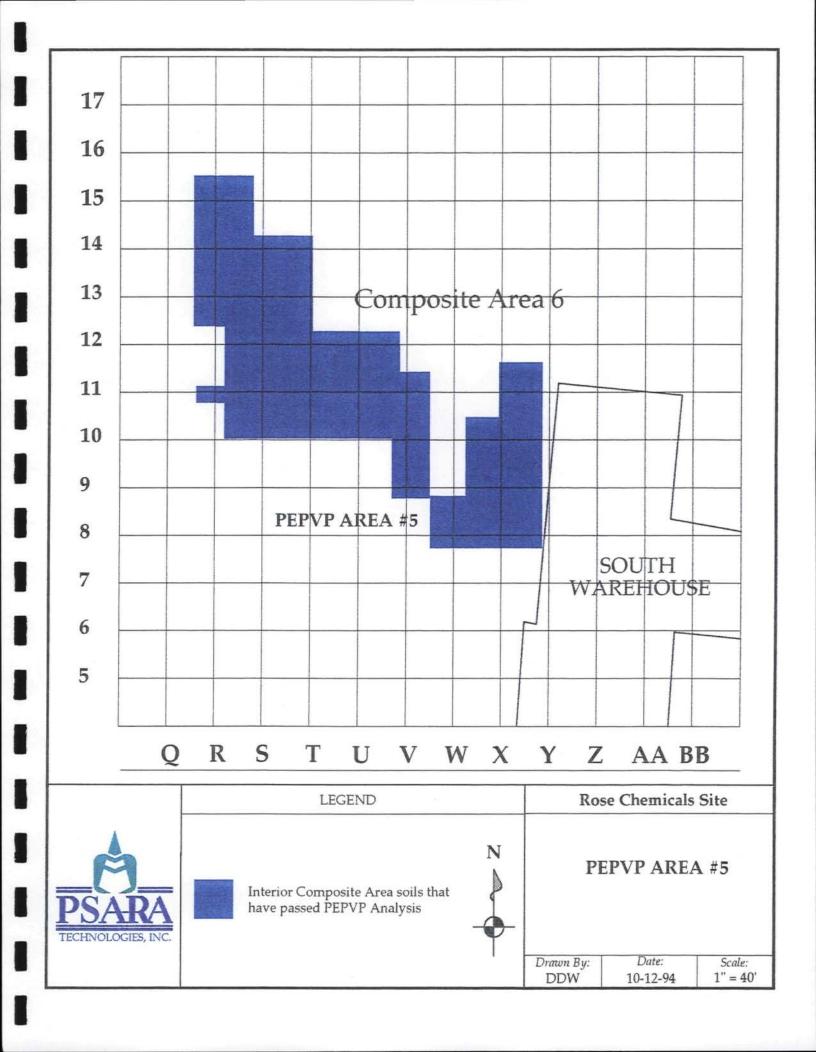
Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-T18/U18-10	A318533	Composite Area 4, Grid T18, 10" Depth	PCB/8080	3	BDL	4.73
RC-SS-T19/U19-10	A318534	Composite Area 4, Grid T19, 16" Depth	PCB/8080	5	BDL	2.84
RC-SS-U18-10	A318535	Composite Area 4, Grid U18, 10" Depth	PCB/8080	8	BDL	1.77
RC-SS-U19/V19-10	A318536	CompositeArea 4, Grid U19, 10" Depth	PCB/8080	10	BDL	1.41

#### PEPVP Area #4

#### **Exterior**

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-T18-0	A319081	Composite Area 4, Grid T18, 0" Depth	PCB/8080	2	BDL	7.09
RC-SS-T19-0	A319082	Composite Area 4, Grid T19, 0" Depth	PCB/8080	3	BDL	4.73
RC-SS-U18-0	A319083	Composite Area 4, Grid U18, 0" Depth	PCB/8080	2	BDL	7.09
RC-SS-U19-0	A319084	CompositeArea 4, Grid U19, 0" Depth	PCB/8080	4	BDL	3.55

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)
\*\* Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).



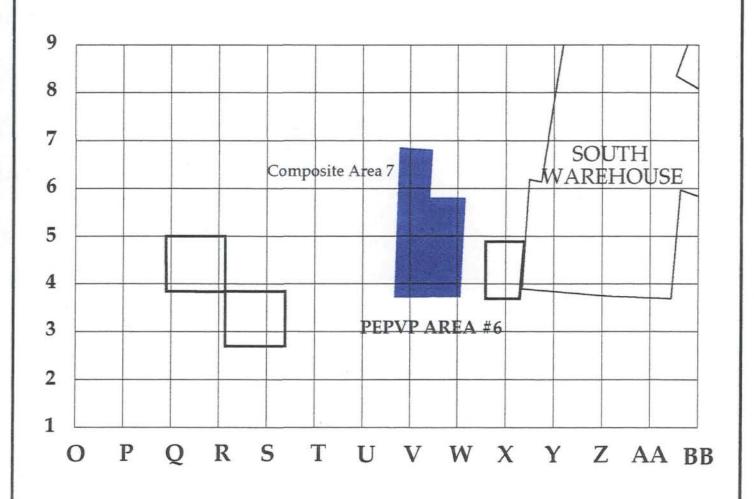
#### Interior

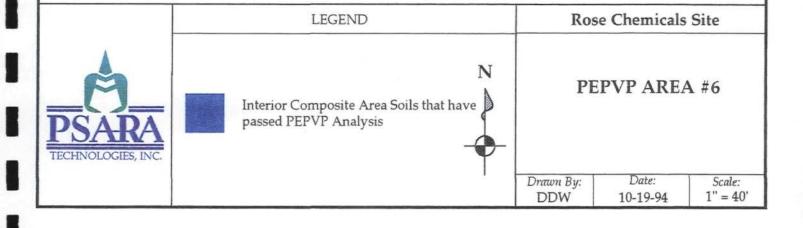
Chain-of-Custody 20806, 20808, 20810 & 20811

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
,						
RC-SS-Q14/Q15-16	A320367	Composite Area 6, Grids Q14 & Q15 , 16" Depth	PCB/8080	2	BDL	7.1
RC-SS-Q12/Q13-16	A320368	Composite Area 6, Grids Q12 & Q13 , 16" Depth	PCB/8080	3	BDL	4.73
RC-SS-Q11/R11/R12-10	A320375	Comp Area 6, Grids Q11, R11 & R12, 10" Depth	PCB/8080	6	BDL	2.37
RC-SS-R10-10	A320376	Composite Area 6, Grid R10, 10" Depth	PCB/8080	4	BDL	3.55
RC-SS-R13-16/S13-10	A320377	Composite Area 6, Grids R13 &S13, 10-16" Depth	PCB/8080	8	BDL	1.78
RC-SS-R13-16/S13-10- REP	A320378	Replicate, Grids R13 & S13 10-16" Depth	PCB/8080	8	BDL	1.78
RC-SS-R14-10/R15-16/	A320379	Composite Area 6, Grids R14,& S14, 10" Depth	PCB/8080	6	BDL	2.37
S14-10		and Grid R15, 16" Depth	PCB/8080			
RC-SS -S9/S10-16	A320380	Composite Area 6, Grids S9& S10, 16" Depth	PCB/8080	· 7	BDL	2.03
RC-SS-V8-10	A320387	Composite Area 6, Grid V8, 10" Depth	PCB/8080	3	BDL	4.73
RC-SS-V10-16/V11-10	A320388	Composite Area 6, Grids V10-16 " Depth &	PCB/8080	4	BDL	3.55
		V11, 10" Depth				
RC-SS-W8-10	A320389	Composite Area 6, Grid W8, 10" Depth	PCB/8080	9	BDL	1.58
RC-SS-W9/X9-16	A322106	Composite Area 6, Grids W9 & X9, 16" Depth	PCB/8080	8	BDL	1.78
RC-SS-W10/X10-10	A320391	Composite Area 6, Grids W10 & X10, 10" Depth	PCB/8080	8	BDL	1.78
RC-SS-X8-10	A320392	Composite Area 6, Grid X8, 10" Depth	PCB/8080	9	1.1	1.58
RC-SS-X8-10-REP	A320393	Replicate, Grid X8, 10" Depth	PCB/8080	9	1.5	1.58
RC-SS-X11-10	A320394	Composite Area 6, Grid X11, 10" Depth	PCB/8080	3	BDL	4.73
RC-SS-S11/S12-10	A320381	Composite Area 6, Grids S11 & S12, 10" Depth	PCB/8080	10	BDL	1.42
RC-SS-T9/T10-10	A320382	Composite Area 6, Grids T9 & T10, 10" Depth	PCB/8080	7	BDL	2.03
RC-SS-T11/U11-10	A320383	Composite Area 6, Grids T11 & U11, 10" Depth	PCB/8080	10	BDL	1.42
RC-SS-T12/U12-10	A320384	Composite Area 6, Grids T12 & U12, 10" Depth	PCB/8080	6	BDL	2.37
RC-SS-U9-10/V8-10/V9-16	A320385	Composite Area 6, Grids U9 & V8, 10" Depth and	PCB/8080	5	BDL	2.84
Į į		Grid V9 16" Depth				
RC-SS-U10-10	A320386	Composite Area 6, Grid U10, 10" Depth	PCB/8080	4	BDL	3.55

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <u>Verification of PCB Spill Cleanup by Sampling and Analysis</u> (EPA-560/5-85-026).





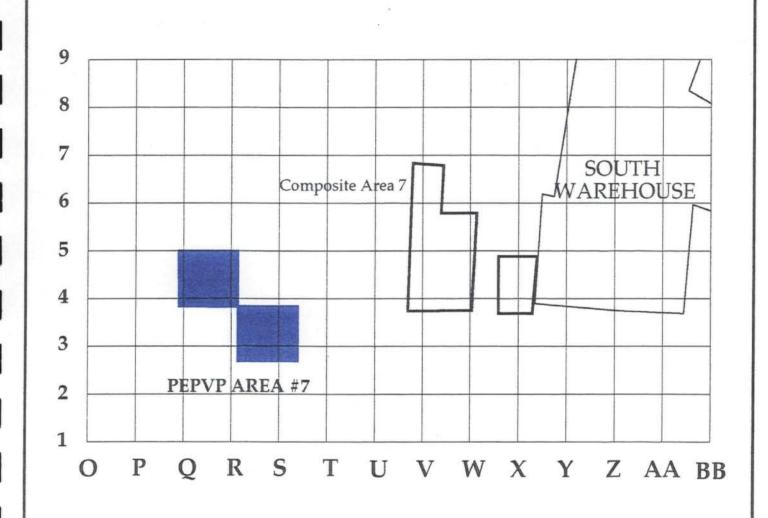
Chain-of-Custody 16384, 16385, and 20863

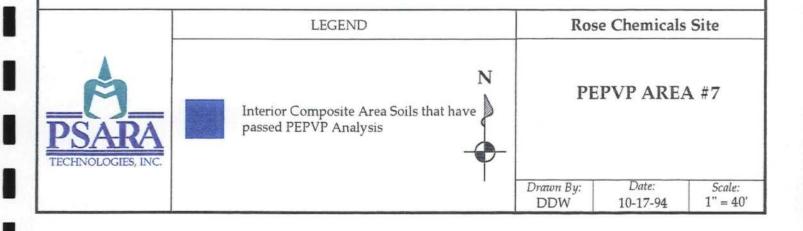
Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-U3-10 RC-SS-V3-10 RC-SS-U6-10 RC-SS-V6-10 RC-SS-V4-10 RC-SS-U4-10 RC-SS-U5-10 RC-SS-V5/W5-10	A324562 A319197 A319198 A319199 A319200 A319201 A319203 A319202	Composite Area 7, Grid U3, 10" Depth Composite Area 7, Grid V3, 10" Depth Composite Area 7, Grid U6, 10" Depth Composite Area 7, Grid V6, 10" Depth Composite Area 7, Grid V4, 10" Depth Composite Area 7, Grid U4, 10" Depth Composite Area 7, Grid U5, 10" Depth Composite Area 7, Grid V5, 10" Depth Composite Area 7, Grid V5, 10" Depth	PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080	1 4 3 4 13 4 3 12	BDL BDL BDL BDL BDL BDL BDL BDL	10.00 3.55 4.73 3.55 1.09 3.55 4.73 1.18



<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <a href="Verification of PCB Spill Cleanup by Sampling and Analysis">Verification of PCB Spill Cleanup by Sampling and Analysis</a> (EPA-560/5-85-026).





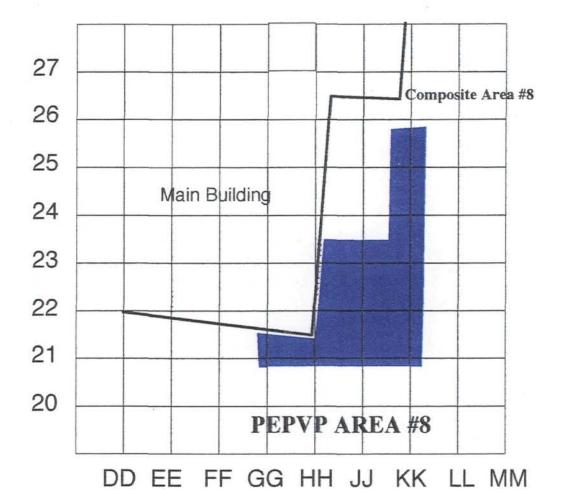
Chain-of-Custody 20822, 20823, and 20824

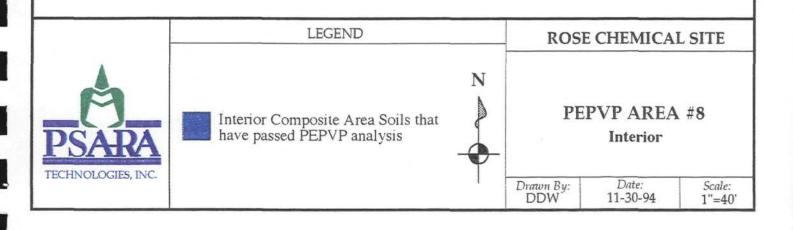
Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples	Analytical Result	Action Level**
Identification	Identification	Location	Metriod	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-Q3-10 RC-SS-R3-10	A321045 A321048	Composite Area 7, Grid Q3, 10" Depth Composite Area 7, Grid R3, 10" Depth	PCB/8080 PCB/8080	5 8	BDL BDL	2.84 1.78
RC-SS-R3-10-REP	A321049	Replicate, Grid R3, 10" Depth	PCB/8080	8	BDL	1.78
RC-SS-Q4 North-10	A321060	Composite Area 7, Grid Q4 North,	PCB/8080	10	1	1.42
		10" Depth	PCB/8080			
RC-SS-Q4 South-10	A321061	Composite Area 7, Grid Q4 South,	PCB/8080	10	BDL	1.42
		10" Depth	PCB/8080			
RC-SS-S2-10	A321056	Composite Area 7, Grid S2, 10" Depth	PCB/8080	6	BDL	2.37
RC-SS-S3-10	A321057	Composite Area 7, Grid S3, 10" Depth	PCB/8080	5	BDL	2.84
RC-SS-R2-10	A321058	Composite Area 7, Grid R2, 10" Depth	PCB/8080	6	BDL	2.37
RC-SS-R4-10	A321059	Composite Area 7, Grid R4, 10" Depth	PCB/8080	3	BDL	4.73
		·				



<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <u>Verification of PCB Spill Cleanup by Sampling and Analysis</u> (EPA-560/5-85-026).



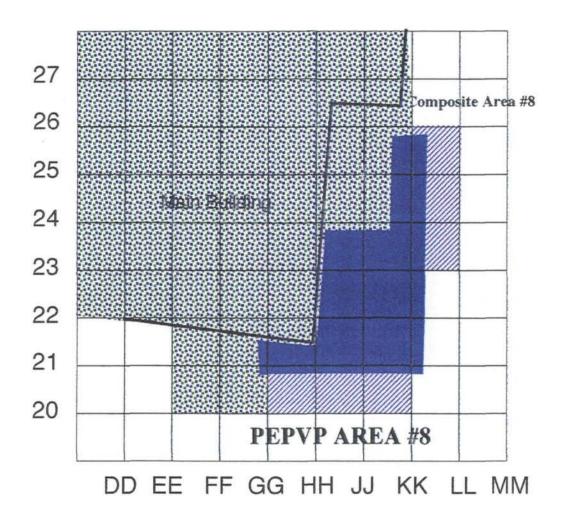


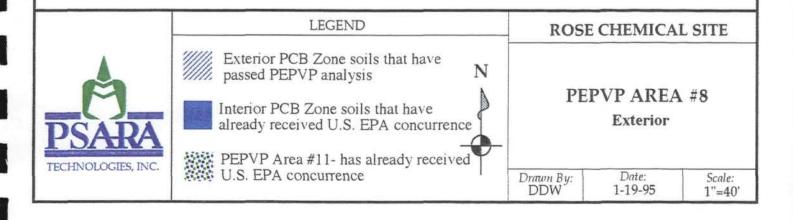
#### Interior

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-GG20/HH20-10	A325242	Composite Area 8, Grids GG20 & HH20, 10" Depth	PCB/8080	2	BDL	7.1
RC-SS-GG21/HH21-10	A325243	Composite Area 8, Grids GG21 & HH21, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-HH22/JJ22/KK22-10	A325245	Composite Area 8, Grids HH22, JJ22 & KK22, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-HH23/JJ23/KK23-10	A325246	Composite Area 8, Grids HH23, JJ23 & KK23, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-JJ21/KK21-10	A325244	Composite Area 8, Grids JJ21 & KK21, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-JJ24/KK24-10	A325248	Composite Area 8, Grids JJ24 & KK24, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-JJ25/KK25-10	A325247	Composite Area 8, Grids JJ25 & KK25, 10" Depth	PCB/8080	3	BDL	4.7

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <a href="Year-160/5-85-026">Yerification of PCB Spill Cleanup by Sampling and Analysis</a> (EPA-560/5-85-026).





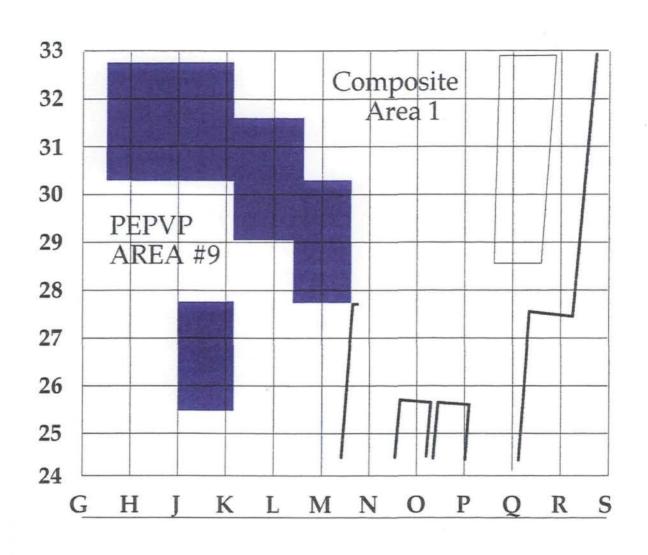
#### PEPVP Area #8 Exterior

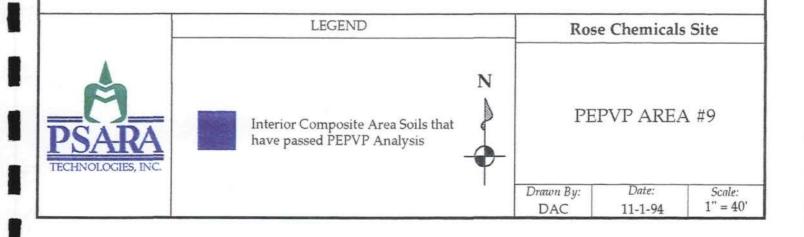
Chain-of-Custody 20880 and 25148

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-GG20-0 RC-SS-HH20-0 RC-SS-JJ20-0 RC-SS-KK23-0 RC-SS-KK24-0 RC-SS-KK25-0	A326826 A326827 A326828 A332792 A332793 A332794	Composite Area 8, Grid GG20, 0" Depth Composite Area 8, Grid HH20, 0" Depth Composite Area 8, Grid JJ20, 0" Depth Composite Area 8, Grid KK23, 0" Depth Composite Area 8, Grid KK24, 0" Depth Composite Area 8, Grid KK25, 0" Depth	PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080	1 1 2 4 4	BDL BDL BDL BDL BDL BDL	10.0 10.0 2.1 3.6 3.6 10

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <a href="Verification of PCB Spill Cleanup by Sampling and Analysis">Verification of PCB Spill Cleanup by Sampling and Analysis</a> (EPA-560/5-85-026).





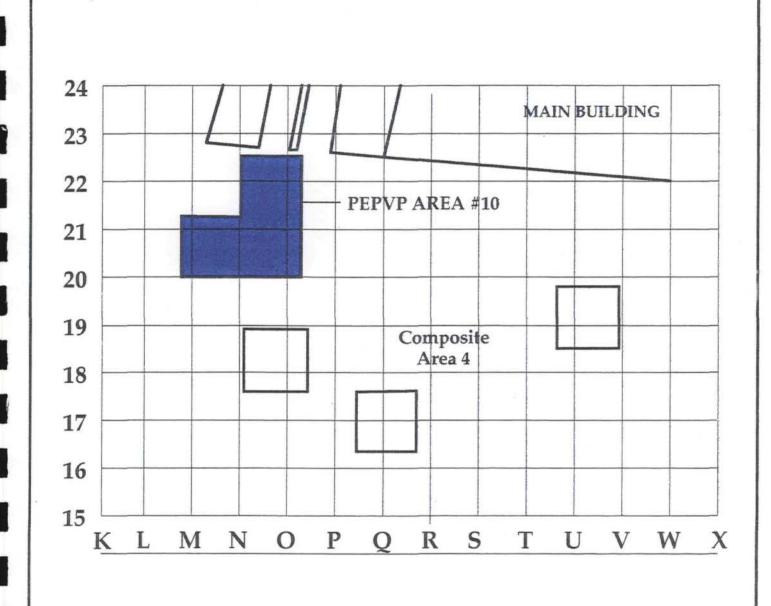
PEPVP Area #9 Interior

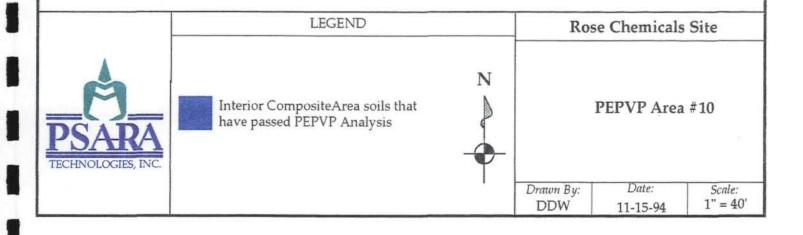
Chain-of-Custody 20803, 20814, 20870, 20860, 20861, 20875, 20806, 34148, and 20816

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-G30/H30-16 RC-SS-G31-16/H31-10 RC-SS-G32/H32-16 RC-SS-J25/K25-22 RC-SS-J26-16 RC-SS-J27/K27-22 RC-SS-J30/J31-16 RC-SS-J32-16/K32-22 RC-SS-K26-16 RC-SS-K29-34 RC-SS-K30/L30-22 RC-SS-K30/L30-22 RC-SS-K31/L31-22 RC-SS-L27/L28-22 RC-SS-L27/L28-22 RC-SS-L29-22 RC-SS-M28-22 RC-SS-M29/M30-22	A320616 A320622 A320615 A324789 A320369 A325399 A320617 A320619 A320370 A325933 A324558 A324559 A324788 A320618 A320621 A320625 A320624	Composite Area 1, Grids, G30 & H30, 16" Depth Composite Area 1, Grids, G31& H31, 10-16" Depth Composite Area 1, Grids, G32 & H32, 16" Depth Composite Area 1, Grids, J25 & K25, 22" Depth Composite Area 1, Grids, J27 & K27, 22" Depth Composite Area 1, Grids, J30 & J31, 16" Depth Composite Area 1, Grids, J30 & J31, 16" Depth Composite Area 1, Grids, J32 & K32, 16-22" Depth Composite Area 1, Grid K26, 22" Depth Composite Area 1, Grid K29, 34 " Depth Composite Area 1, Grids, K30 & L30, 22" Depth Replicate - Grids, K30 & L30, 22" Depth Composite Area 1, Grids, K31 & L31, 22" Depth Composite Area 1, Grids, L27 & L28, 22" Depth Composite Area 1, Grids, L27 & L28, 22" Depth Composite Area 1, Grid M28, 22" Depth Composite Area 1, Grid M28, 22" Depth Composite Area 1, Grid M28, 22" Depth Composite Area 1, Grids, M29 & M30, 22" Depth	PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080	4 6 5 6 10 9 6 4 2 4 7 7 6 6 8 5 6	BDL 2.4 BDL BDL BDL BDL BDL BDL BDL BDL BDL BDL	3.6 2.4 2.8 2.4 1.6 2.4 3.6 7.1 3.6 2.0 2.0 2.4 2.4 1.8 2.8 2.4

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <u>Verification of PCB-Spill Cleanup by Sampling and Analysis</u> (EPA-560/5-85-026).





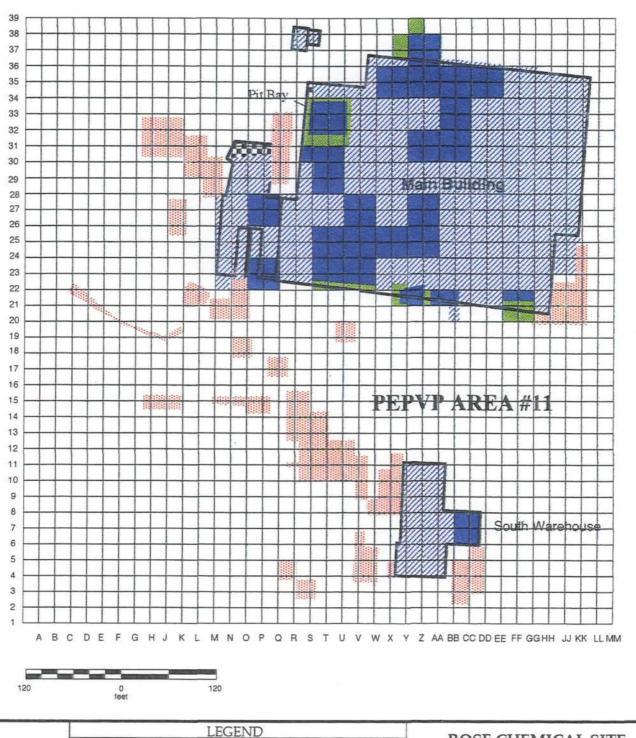
#### Interior

Chain-of-Custody 20890, 20803, and 34145

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-L20-16	A320242	Composite Area 4, Grid L20, 16" Depth	PCB/8080	2	BDL	7.1
RC-SS-M20/M21-10	A320240	Composite Area 4, Grids M20 & M21, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-N20/O20-22	A327019	Composite Area 4, Grids N20 & O20, 22" Depth	PCB/8080	6	BDL	2.4
RC-SS-N21/O21-28	A325577	Comp Area 4, Grids N21 & O21, 28" Depth	PCB/8080	7	BDL	2.0

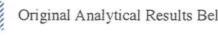
<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <a href="Verification of PCB Spill Cleanup by Sampling and Analysis">Verification of PCB Spill Cleanup by Sampling and Analysis</a> (EPA-560/5-85-026).





Original Analytical Results Below 10 ppm



Interior PCB Zone soils that have passed PEPVP analysis

Exterior PCB Zone soils that have passed PEPVP analysis

Actual limits of excavation

#### ROSE CHEMICAL SITE

PEPVP AREA #11 Interior and Exterior

Note: Pit Bay was excavated to bedrock

Drawn By: Date: Scale: 1-9-95 DDW 1"=120'

Chain-of-Custody\*\*\*

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-O22-10-C	A321068	Main Building, Grid O22, 10" Depth	PCB/8080	5	1.0	2.8
RC-SS-O23-10-C	A318887	Main Building, Grid O23, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-O26-10-C	A319435	Main Building, Grid O26, 10" Depth	PCB/8080	4	BDL	3.6
RC-SS-O27-10-C	A319436	Main Building, Grid O27, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-P22-10-C	A321062	Main Building, Grid P22, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-P23-10-C	A318888	Main Building, Grid P23, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-P26-10-C	A319437	Main Building, Grid P26, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-P27-10-C	A319434	Main Building, Grid P27, 10" Depth	PCB/8080	8	1.2	1.8
RC-SS-R30/S30/T30-10-C	A325389	Main Building, Grids R30, S30 & T30, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-S22-10-C	A318889	Main Building, Grid S22, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-S23-10-C	A318890	Main Building, Grid S23, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-S24-10-C	A321063	Main Building, Grid S24, 10" Depth	PCB/8080	4	BDL	3.6
RC-SS-S25-10-C	A318891	Main Building, Grid S25, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-S28/S29-10-C	A325390	Main Building, Grids S28 & S29, 10" Depth	PCB/8080	7	1.0	2.0
RC-SS-T22-10-C	A321067	Main Building, Grid T22, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-T23N-16-D	A324339	Main Building, Grid T23-North, 16" Depth	PCB/8080	6	1.5	2.4
RC-SS-T23(South)-10-C	A321066	Main Building, Grid T23-South, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-T24-16-D	A324353	Main Building, Grid T24, 16" Depth	PCB/8080	5	BDL	2.8
RC-SS-T25-10-C	A318892	Main Building, Grid T25, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-T28/T29-10-C	A325392	Main Building, Grids T28 & T29, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-U22-10-C	A318893	Main Building, Grid U22, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-U23-10-C	A321064	Main Building, Grid U23, 10" Depth	PCB/8080	7	1.1	2.0
RC-SS-U24-10-C	A324337	Main Building, Grid U24, 10" Depth	PCB/8080	5	BDL	2.8

\*....

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-U25-16-D	A325387	Main Building, Grid U25, 16" Depth	PCB/8080	6	BDL	2.4
RC-SS-U26-10-C	A324338	Main Building, Grid U26, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-U27-10-C	A324340	Main Building, Grid U27, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-V22-10-C	A318894	Main Building, Grid V22, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-V23-10-C	A318895	Main Building, Grid V23, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-V24-10-C	A324329	Main Building, Grid V24, 10" Depth	PCB/8080	7	2.0	2.0
RC-SS-V25-22-E	A326462	Main Building, Grid V25, 22" Depth	PCB/8080	9	BDL	1.6
RC-SS-V26-10-C	A324354	Main Building, Grid V26, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-V27-10-C	A324349	Main Building, Grid V27, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-W24-10-C	A322964	Main Building, Grid W24, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-W25-22-E	A325081	Main Building, Grid W25, 22" Depth	PCB/8080	6	BDL	2.4
RC-SS-W34/X34-10-C	A325952	Main Building, Grids W34 & X34, 10" Depth	PCB/8080	5	1.1	2.8
RC-SS-W35-10-C	A325950	Main Building, Grid W35, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-X21-0-B	A324686	Main Building, Grid X21, 0" Depth	PCB/8080	6	BDL	2.4
RC-SS-X24-10-C	A322966	Main Building, Grid X24, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-X25-28-F	A326460	Main Building, Grid X25, 28" Depth	PCB/8080	9	BDL	1.6
RC-SS-X35-10-C	A325951	Main Building, Grid X35, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-Y21-0-B	A324688	Main Building, Grid Y21, 0" Depth	PCB/8080	8	BDL	1.8
RC-SS-Y21-0-B-REP	A324689	Replicate, Grid Y21, 0" Depth	PCB/8080	8	BDL	1.8
RC-SS-Y21-10	A329682	Main Building, Grid Y21, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-Y22-10-C	A326846	Main Building, Grid Y22, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-Y24-10-C	A322968	Main Building, Grid Y24, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-Y25-22-E	A325083	Main Building, Grid Y25, 22" Depth	PCB/8080	6	BDL	2.4

Composite		· · · · · · · · · · · · · · · · · · ·	<u> </u>	Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
		- 111				
RC-SS-Y26/Z26-16-D	A326190	Main Building, Grids Y26 & Z26, 16" Depth	PCB/8080	10	BDL	1.4
RC-SS-Y27/Z27-10-C	A325087	Main Building, Grids Y27 & Z27, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-Y30/Y31-10-C	A325084	Main Building, Grids Y30 & Y31, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-Y34-10-C	A324333	Main Building, Grid Y34, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-Y35-10-C	A324335	Main Building, Grid Y35, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-Y36-10	A326836	Main Building, Grid Y36, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-Y37-10	A326838	Main Building, Grid Y37, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-Z21-10-C	A326845	Main Building, Grid Z21, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-Z24-10-C	A322970	Main Building, Grid Z24, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-Z25-10-C	A322971	Main Building, Grid Z25, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-Z30-10-C	A325085	Main Building, Grid Z30, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-Z31-10-C	A325086	Main Building, Grid Z31, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-Z34-10-C	A324345	Main Building, Grid Z34, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-Z35-10-C	A324352	Main Building, Grid Z35, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-Z36-10	A326837	Main Building, Grid Z36, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-Z37-10	A326839	Main Building, Grid Z37, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-Z37-10-REP	A326835	Replicate, Grid Z37, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-AA21-North-0-B	A324774	Main Building, Grid AA21-North, 0" Depth	PCB/8080	6	BDL	2.4
RC-SS-AA21-South-0-B	A324775	Main Building, Grid AA21-South, 0" Depth	PCB/8080	6	BDL	2.4
RC-SS-AA30/BB30-10-C	A326060	Main Building, Grids AA30 & BB30, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-AA31-10-C	A325382	Main Building, Grid AA31, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-AA32/BB32-10-C	A325384	Main Building, Grids AA32 & BB32, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-AA33-10-C	A325385	Main Building, Grid AA33, 10" Depth	PCB/8080	5	BDL	2.8

Composite				Number of	Analytical	Action .
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-AA34-28-F	A328451	Main Building, Grid AA34, 28" Depth	PCB/8080	5	BDL	2.8
RC-SS-AA35-10-C	A324356	Main Building, Grid AA34, 26 Depth	PCB/8080	5	BDL	2.8
			•	3		
RC-SS-BB6-10-C	A325960	South Warehouse, Grid BB6, 10" Depth	PCB/8080	] ']	BDL	2.0
RC-SS-BB7-10-C	A325947	South Warehouse, Grid BB7, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-BB21-0-B	A324776	Main Building, Grid BB21, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-BB31-10-C	A325383	Main Building, Grid BB31, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-BB33-10-C	A325386	Main Building, Grid BB33, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-BB34-10-C	A324355	Main Building, Grid BB34, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-BB35-10-C	A324357	Main Building, Grid BB35, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-CC6-10-C	A325948	South Warehouse, Grid CC6, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-CC7-10-C	A325949	South Warehouse, Grid CC7, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-CC34-16-D	A325391	Main Building, Grid CC34, 16" Depth	PCB/8080	4	BDL	3.6
RC-SS-CC35-10-C	A324330	Main Building, Grid CC35, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-DD34-10-C	A324331	Main Building, Grid DD34, 10" Depth	PCB/8080	7	1.3	2.0
RC-SS-DD35-10-C	A324350	Main Building, Grid DD35, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-EE21/FF21/GG21-10-C	A324682	Main Bldg, Grids EE21, FF21 & GG21, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-PITBAY-E	A323723	Pit Bay, surface of east wall	PCB/8080	5	1.4	2.8
RC-SS-PITBAY-N	A323073	Pit Bay surface of north wall	PCB/8080	5	2.1	2.8
RC-SS-PITBAY-S	A323725	Pit Bay, surface of south wall	PCB/8080	5	BDL	2.8
RC-SS-PIT- South-Ext-6	A329161	14' Section-south of Pit Bay	PCB/8080	3	BDL	4.7
RC-SS-PITBAY-W	A323724	Pit Bay, surface of west wall	PCB/8080	5	BDL	2.8

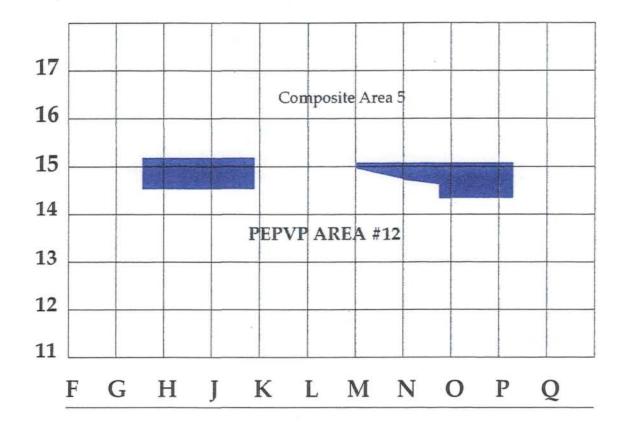
Chain-of-Custody \*\*\*

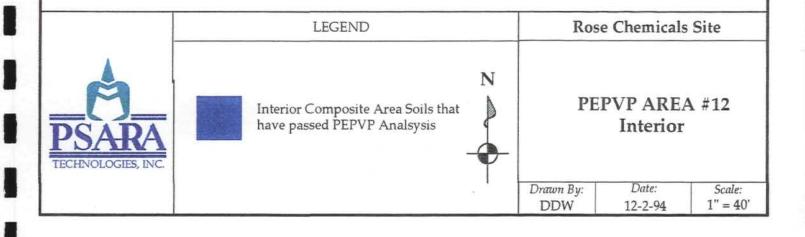
Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	$(mg/kg)^*$	(mg/kg)*
RC-SS-S22-0	A328861	Main Building, Grid S22, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-T22-0	A328862	Main Building, Grid T22, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-U22-0	A328863	Main Building, Grid U22, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-V22-0	A328864	Main Building, Grid V22, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-X21-0	A324687	Main Building, Grid X21, 0" Depth	PCB/8080	6	1.2	2.4
RC-SS-X22-0	A324691	Main Building, Grid X22, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-X36-0	A326844	Main Building, Grid X36, 0" Depth	PCB/8080	2	5.0	7.1
RC-SS-X37-0	A326843	Main Building, Grid X37, 0" Depth	PCB/8080	2	3.3	<i>7</i> .1
RC-SS-Y36-0	A326836	Main Building, Grid Y36, 0" Depth	PCB/8080	6	BDL	2.4
RC-SS-Y38-0	A327020	Main Building, Grid Y38, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-Z21-0	A324771	Main Building, Grid Z21, 0" Depth	PCB/8080	1	1.2	10.0
RC-SS-EE20-0	A324684	Main Building, Grid EE20, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-EE21-0	A324683	Main Building, Grid EE21, 0" Depth	PCB/8080	5	BDL	2.8
RC-SS-FF20-0	A324681	Main Building, Grid FF20, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-FF21-0	A324680	Main Building, Grid FF21, 0" Depth	PCB/8080	6	1.2	2.4
RC-SS-PIT-East-Ext-0	A328246	Pit Bay, East-Side Exterior, 0" Depth	PCB/8080	2	3.0	7.1
RC-SS-PIT-North-Ext-0	A328243	Pit Bay, North-Side Exterior, 0" Depth	PCB/8080	3	3.6	4.7
RC-SS-PIT-West-Ext-0	A328244	Pit Bay, West-Side Exterior, 0" Depth	PCB/8080	2	4.5	7.1
RC-SS-PIT-South-Ext-A-0	A329160	Pit Bay, South-Side (A), 0" Depth	PCB/8080	3	BDL	7.1

<sup>\*</sup> mg/kg is equivalent to parts per million(ppm)

<sup>\*\*</sup> Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).

<sup>\*\*\*</sup> Chain-of-Custody 20824, 22360, 16388, 16389, 20874, 20857, 20859, 20884, 20843, 20871, 20877, 34142, 20872, 20858, 20888, 34147, 25110, 20865, 20851, 25109, 20846, 24914, 25106, 34144, 20885, 25129, 25120, 20871, 20879, 20890 and 20868





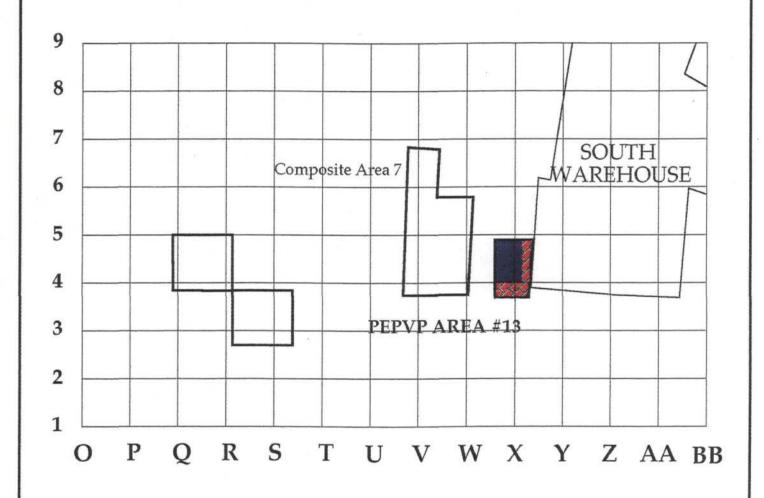
#### Interior

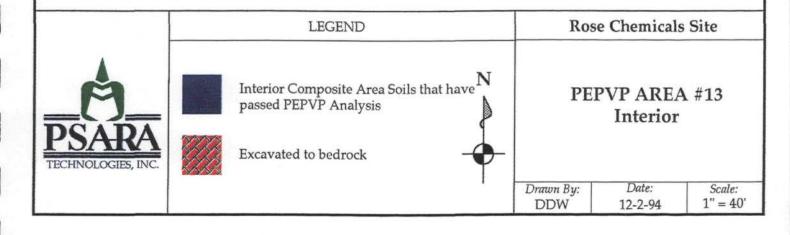
Chain-of-Custody 20821, 20823, 16385, and 16386

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
,				_		
RC-SS-G14-10	A319204	Composite Area 5, Grid G14, 10" Depth	PCB/8080	2	BDL	<i>7</i> .0
RC-SS-G15-10	A319205	Composite Area 5, Grid G15, 10" Depth	PCB/8080	1	BDL	10.0
RC-SS-H14-10	A319210	Composite Area 5, Grid H14, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-H15-10	A319209	Composite Area 5, Grid H15, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-J14-10	A319208	Composite Area 5, Grid J14, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-J15/K15-10	A319206	Composite Area 5, Grid J15 10" Depth	PCB/8080	2	BDL	7.0
RC-SS-M14/M15-10	A321042	Composite Area 5, Grids M14 & M15, 10" Depth	PCB/8080	6	1.3	2.4
RC-SS-N14/N15-10	A321039	Composite Area 5, Grids N14 & N15, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-O14/O15-10	A321055	Composite Area 5, Grids O14 & O15, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-P14/P15-10	A321041	Composite Area 5, Grids P14 & P15, 10" Depth	PCB/8080	4	BDL	3.6
		•	1			

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <u>Verification of PCB Spill Cleanup by Sampling and Analysis</u> (EPA-560/5-85-026).

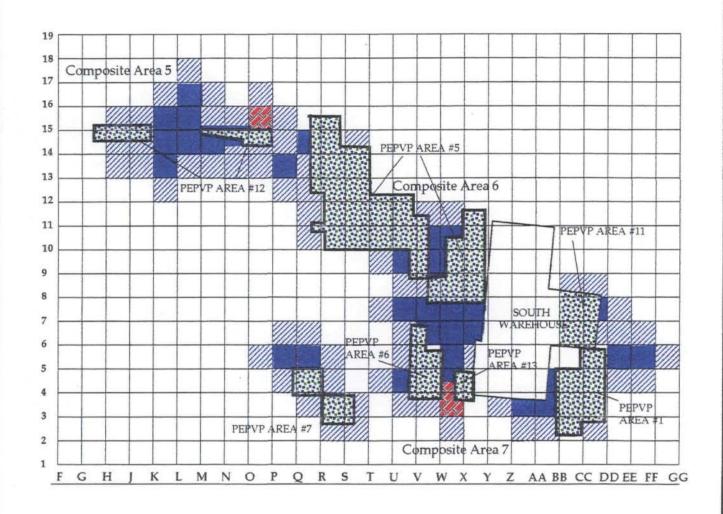


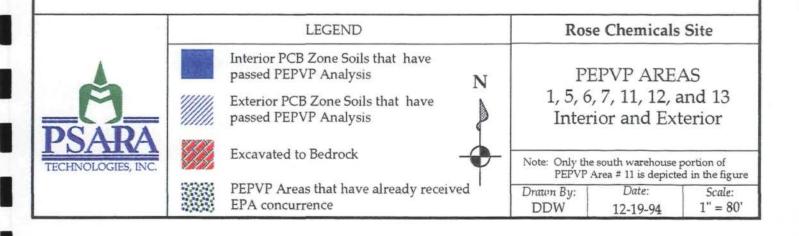


#### Interior

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-W4-10	A322096	Composite Area 7, Grid W4, 10" Depth	PCB/8080	<b>4</b>	BDL	3.6
RC-SS-X4W-10	A322097	Composite Area 7, Grid X4-West, 10" Depth	PCB/8080	8	BDL	1.8

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)
\*\* Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).





# PEPVP Areas 1, 5, 6, 7, 11\*\*\*, 12, and 13 Interior Chain-of-Custody \*\*\*\*

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-K13East-10	A326177	Composite Area 5, Grid K13-East, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-K13West-10	A326176	Composite Area 5, Grid K13-West, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-K14-10-EXT	A326178	Composite Area 5, Grid K14-Ext, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-K14-16	A324006	Composite Area 5, Grid K14, 16" Depth	PCB/8080	6	BDL	2.4
RC-SS-K15-10	A327214	Composite Area 5, Grid K15, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-L14/L15-10	A321038	Composite Area 5, Grids L14 & L15, 10" Depth	PCB/8080	6	1.3	2.4
RC-SS-L15-10	A327227	Composite Area 5, Grid L15, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-L16-North-10	A328232	Composite Area 5, Grid L16-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-L16-North-10-REP	A328231	Replicate, Grid L16-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-L16-South-10	A328233	Composite Area 5, Grid L16-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-M14/M15-10	A321042	Composite Area 5, Grids M14 & M15, 10" Depth	PCB/8080	6	1.3	2.4
RC-SS-N14/N15-10	A321039	Composite Area 5, Grids N14 & N15, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-P5-North-10	A328443	Composite Area 7, Grid P5-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-P5-South-10	A328444	Composite Area 7, Grid P5-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-P13-North-10	A326048	Composite Area 6, Grid P13-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-P13-South-10	A326049	Composite Area 6, Grid P13-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-Q5-North-10	A326043	Composite Area 7, Grid Q5-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-Q5-South-10	A326042	Composite Area 7, Grid Q5-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-Q14-10	A326053	Composite Area 6, Grid Q14, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-R3-10-Ext	A326876	Composite Area 7, Grid R3, 10" Depth	PCB/8080	4	BDL	3.6
RC-SS-U4-East-10	A326038	Composite Area 7, Grid U4-East, 10" Depth	PCB/8080	8 .	BDL	1.8
RC-SS-U4-South-10	A326040	Composite Area 7, Grid U4-South, 10" Depth	PCB/8080	10	BDL	1. <b>4</b>
RC-SS-U4-West-10	A326039	Composite Area 7, Grid U4-West, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-U7-North-10	A328442	Composite Area 7, Grid U7-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-U7-South-10	A328441	Composite Area 7, Grid U7-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-U9-10	A326041	Composite Area 7, Grid U9, 10" Depth	PCB/8080	12	BDL	1.2

# PEPVP Areas 1, 5, 6, 7, 11\*\*\*, 12, and 13 Interior

Composite			, .	Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
ł						·
RC-SS-V6-North-10	A326061	Composite Area 7, Grid V6-North, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-V6-South-10	A326067	Composite Area 7, Grid V6-South, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-V7-North-10	A328241	Composite Area 7, Grid V7-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-V7-South-10	A328242	Composite Area 7, Grid V7-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-V8/V9/W9-16	A326045	Composite Area 6, Grids V8, V9 &W9, 16" Depth	PCB/8080	8	BDL	1.8
RC-SS-V10-10	A324791	Composite Area 6, Grid V10, 10" Depth	PCB/8080	6	BDL	2.4
RC-SS-W4-North-10	A328447	Composite Area 7, Grid W4-North, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-W5-North-10	A326063	Composite Area 7, Grid W5-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-W5-South-10	A326062	Composite Area 7, Grid W5-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-W6-North-10	A328240	Composite Area 7, Grid W6-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-W6-South-10	A328239	Composite Area 7, Grid W6-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-W7-16	A327021	Composite Area 7, Grid W7, 16" Depth	PCB/8080	12	BDL	1.2
RC-SS-W10-10	A324790	Composite Area 7, Grid W10, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-X6-North-10	A328226	Composite Area 7, Grid X6-North, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-X6-South-16	A329390	Composite Area 7, Grid X6-South, 16" Depth	PCB/8080	8	BDL	1.8
RC-SS-X7-10	A326070	Composite Area 7, Grid X7, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-Z3-North-10	A328237	Composite Area 7, Grid Z3-North, 10" Depth	PCB/8080	11 .	BDL	1.3
RC-SS-Z3-South-10	A328236	Composite Area 7, Grid Z3-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-AA3-10	A326065	Composite Area 7, Grid AA3, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-AA4-10	A326069	Composite Area 7, Grid AA4, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-CC7-10-Ext	A327216	S. Warehouse, Grid CC7, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-DD5-10	A326044	Composite Area 7, Grid DD5, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-DD5-EAST-10	A328142	Composite Area 7, Grid DD5-East, 10" Depth	PCB/8080	5	BDL	2.8
RC-SS-EE5-North-10	A328151	Composite Area 7, Grid EE5-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-EE5-South-10	A328145	Composite Area 7, Grid EE5-South, 10" Depth	PCB/8080	12	BDL	1.2

# PEPVP Areas 1, 5, 6, 7, 11\*\*\*, 12, and 13 Exterior

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-H13-0	A321366	Composite Area 5, Grid H13, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-H14-0	A321367	Composite Area 5, Grid H14, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-H15-0	A321371	Composite Area 5, Grid H15, 0" Depth	PCB/8080	6	BDL	2.4
RC-SS-J13-0	A321370	Composite Area 5, Grid J13, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-J14-0	A321369	Composite Area 5, Grid J14, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-J15-0	A321368	Composite Area 5, Grid J15, 0" Depth	PCB/8080	3	2.3	4.7
RC-SS-J15-0REP	A321365	Replicate, Grid J15, 0" Depth	PCB/8080	3	2.0	4.7
RC-SS-K12-0	A326638	Composite Area 5, Grid K12, 0" Depth	PCB/8080	1 1	BDL	10.0
RC-SS-K16-0-PEPVP	A328865	Composite Area 5, Grid K16, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-L13-0	A324004	Composite Area 5, Grid L13, 0" Depth	PCB/8080	4	1.6	3.6
RC-SS-L17-0-PEPVP	A328866	Composite Area 5, Grid L17, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-M13-0	A324009	Composite Area 5, Grid M13, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-M15-0	A326167	Composite Area 5, Grid M15, 0" Depth	PCB/8080	2	3.5	7.1
RC-SS-M16-0-PEPVP	A328867	Composite Area 5, Grid M16, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-N13-0	A324010	Composite Area 5, Grid N13, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-N14-0	A324011	Composite Area 5, Grid N14, 0" Depth	PCB/8080	2	1.3	7.1
RC-SS-N15-0	A326170	Composite Area 5, Grid N15, 0" Depth	PCB/8080	4	2.3	3.6
RC-SS-O5-0-PEPVP	A329108	Composite Area 7, Grid O5, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-O13-0	A324007	Composite Area 5, Grid O13, 0" Depth	PCB/8080	2	4.2	7.1
RC-SS-O14-0	A324008	Composite Area 5, Grid O14, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-O16-0-PEPVP	A328234	Composite Area 5, Grid O16, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-P4-0	A322335	Composite Area 7, Grid P4, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-P6-0-PEPVP	A329109	Composite Area 7, Grid P6, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-P12-0	A321036	Composite Area 6, Grid P12, 0" Depth	PCB/8080	1	4.4	10.0
RC-SS-P14-0	A321030	Composite Area 5, Grid P14, 0" Depth	PCB/8080	4	1.2	3.6
RC-SS-P15-0	A326795	Composite Area 5, Grid P15, 0" Depth	PCB/8080	1	2.6	10.0

# PEPVP Areas 1, 5, 6, 7, 11\*\*\*, 12, and 13 Exterior Chain-of-Custody \*\*\*\*

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-Q3-0	A322333	Composite Area 7, Grid Q3, 0" Depth	PCB/8080	1 1	4.8	10.0
RC-SS-Q6-0	A326612	Composite Area 7, Grid Q6, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-Q10-0	A321028	Composite Area 6, Grid Q10, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-Q11-0	A321029	Composite Area 6, Grid Q11, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-Q12-0	A321034	Composite Area 6, Grid Q12, 0" Depth	PCB/8080	3	2.7	4.7
RC-SS-Q13-0	A321054	Composite Area 6, Grid Q13, 0" Depth	PCB/8080	2	3.8	7.1
RC-SS-R2-0	A322327	Composite Area 7, Grid R2, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-R4-0	A322329	Composite Area 7, Grid R4, 0" Depth	PCB/8080	1	4.0	10.0
RC-SS-R5-0	A326620	Composite Area 7, Grid R5, 0" Depth	PCB/8080	4	1.0	3.6
RC-SS-R12-0	A321043	Composite Area 6, Grid R12, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-S2-0	A322331	Composite Area 7, Grid S2, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-S3-0	A322332	Composite Area 7, Grid S3, 0" Depth	PCB/8080	3	1.6	4.7
RC-SS-S14-0	A321027	Composite Area 6, Grid S14, 0" Depth	PCB/8080	2	1.5	, <b>7.1</b>
RC-SS-T4-0	A326873	Composite Area 7, Grid T4, 0" Depth	PCB/8080	4	2.8	3.6
RC-SS-T7-0-PEPVP	A329110	Composite Area 7, Grid T7, 0" Depth	PCB/8080	4	1.7	3.6
RC-SS-T9-0	A321032	Composite Area 6, Grid T9, 0" Depth	PCB/8080	1	1.6	10.0 -
RC-SS-U3-0	A321358	Composite Area 7, Grid U3, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-U5-0	A321359	Composite Area 7, Grid U5, 0" Depth	PCB/8080	2	1.0	<b>7</b> .1
RC-SS-U6-0	A321362	Composite Area 7, Grid U6, 0" Depth	PCB/8080	1 1	1.1	10.0
RC-SS-U8-0	A326637	Composite Area 7, Grid U8, 0" Depth	PCB/8080	12	BDL	1.2
RC-SS-V3-0	A321363	Composite Area 7, Grid V3, 0" Depth	PCB/8080	4	2.2	3.6
RC-SS-V8-0	A327666	Composite Area 6, Grid V8, 0" Depth	PCB/8080	2	5.6	7.1
RC-SS-V11-0	A321730	Composite Area 6, Grid V11, 0" Depth	PCB/8080	1	4.8	10.0
RC-SS-W2-0-PEPVP	A328449	Composite Area 7, Grid W2, 0" Depth	PCB/8080	3	1.4	4.7
RC-SS-W11-0	A321728	Composite Area 7, Grid W11, 0" Depth	PCB/8080	3	3.7	4.7
RC-SS-X5-0	A326872	Composite Area 7, Grid X5, 0" Depth	PCB/8080	4	1.9	3.6
RC-SS-Y3-0-PEPVP	A328869	Composite Area 7, Grid Y3, 0" Depth	PCB/8080	4	BDL	3.6

#### PEPVP Areas 1, 5, 6, 7, 11\*\*\*, 12, and 13 Exterior

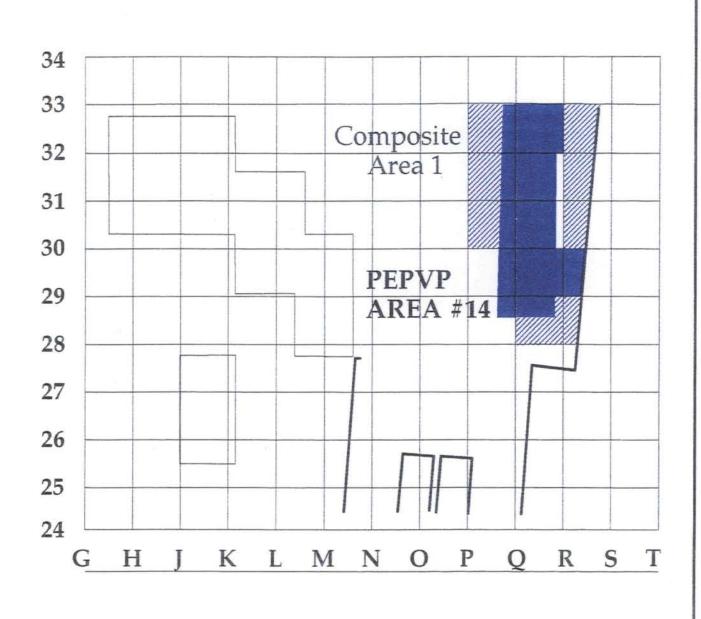
Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-Z2-0-PEPVP	A328868	Composite Area 7, Grid Z2, 0" Depth	PCB/8080	4	1.6	3.6
RC-SS-AA2-0	A324002	Composite Area 7, Grid AA2, 0" Depth	PCB/8080	1	1.2	10.0
RC-SS-BB8-0	A326526	S. Warehouse, Grid BB8, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-CC2-0	A323999	Composite Area 7, Grid CC2, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-CC6-0	A326523	S. Warehouse, Grid CC6, 0" Depth	PCB/8080	2	4.9	7.1
RC-SS-CC8-0	A326525	S. Warehouse, Grid CC8, 0" Depth	PCB/8080	1	1.0	10.0
RC-SS-DD4-0	A324000	Composite Area 7, Grid DD4, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-DD6-0	A326615	Composite Area 7, Grid DD6, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-DD7-0	A327212	S. Warehouse, Grid DD7, 0" Depth	PCB/8080	7	1.3	2.0
RC-SS-EE4-0-PEPVP	A328744	Composite Area 7, Grid EE4, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-EE6-0-PEPVP	A328735	Composite Area 7, Grid EE6, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-FF5-0-PEPVP	A328749	Composite Area 7, Grid FF5, 0" Depth	PCB/8080	4	BDL	3.6

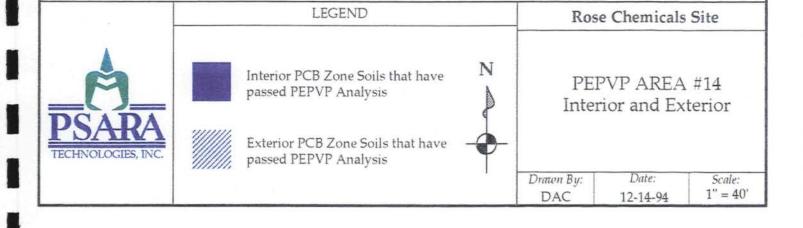
<sup>\*</sup> mg/kg is equivalent to parts per million(ppm)

<sup>\*\*</sup> Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).

<sup>\*\*\*</sup> Only the South Warehouse portion of PEPVP Area #11-Exterior is presented in table

<sup>\*\*\*\*</sup> Chain-of-Custody- 20828, 20821, 20895, 25108, 34141, 20855, 25123, 25109, 20840, 25110, 25123, 20887, 20819, 20885, 20882, 20886, 20881, 20819, 20823, 20827, 20886, 25110, 20888, 25102, 20870, 20832, 34142, 20890, 34143, 34135, 25107, 25118, 25119, 20854, 20893, and 25120





PEPVP Area #14 Interior

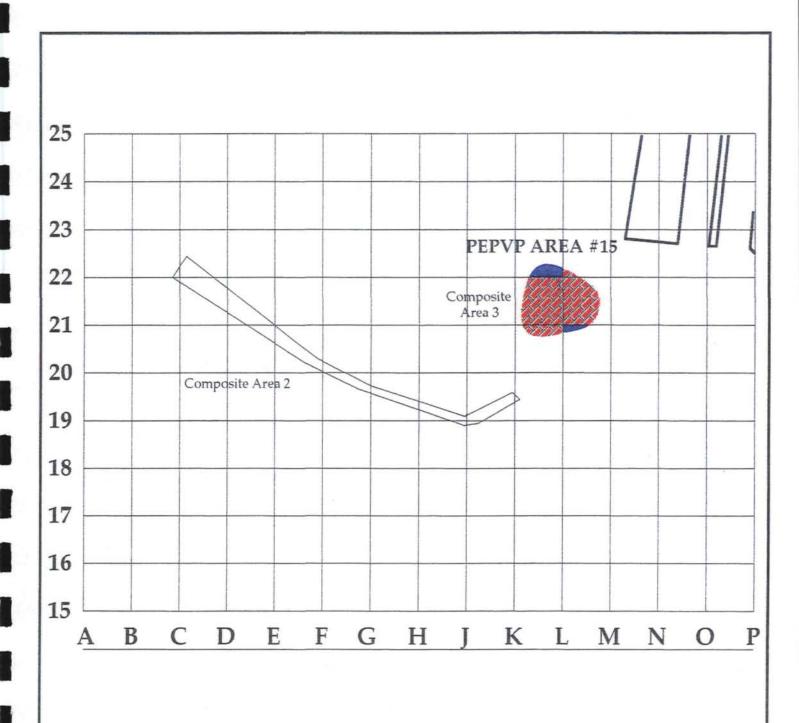
Chain-of-Custody 20852, 20803, 34148, 20890, 20875, 34135, and 20806

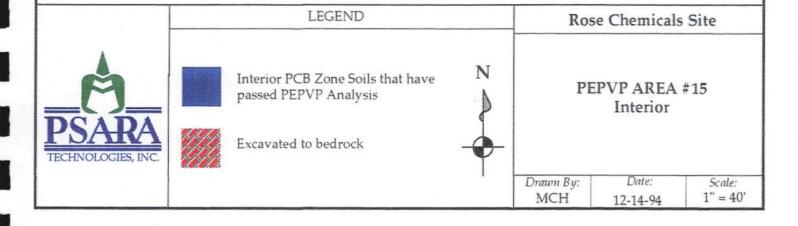
Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-P28/Q28-28 RC-SS-P29/Q29-28 RC-SS-P29/Q29-28-Rep RC-SS-P30/Q30-16 RC-SS-P31-28 RC-SS-P32-22 RC-SS-Q31-16 RC-SS-Q32-10-EXT RC-SS-Q32-16 RC-SS-R29-16	A323985 A323986 A323987 A320246 A325395 A327018 A320372 A325937 A320373 A326521	Composite Area 1, Grids P28 & Q28, 28" Depth Composite Area 1, Grids P29 & Q29, 28" Depth Replicate, Grids P29 & Q29, 28" Depth Composite Area 1, Grids P30 & Q30, 16" Depth Composite Area 1, Grid P31, 28" Depth Composite Area 1, Grid P32, 22" Depth Composite Area 1, Grid Q31, 16" Depth Composite Area 1, Grid Q32, 10" Depth Composite Area 1, Grid Q32, 10" Depth Composite Area 1, Grid Q32, 16" Depth Composite Area 1, Grid R29, 16" Depth	PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080 PCB/8080	4 10 10 9 5 5 8 7 3	1.5 BDL BDL BDL BDL BDL BDL BDL BDL	3.6 1.4 1.4 1.6 2.8 2.8 1.8 2.0 4.7 2.8

**Exterior** Chain-of-Custody 20898, 20887, and 20852

Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-P30-0	A326056	Composite Area 1, Grid P30, 0" Depth	PCB/8080	1	3.9	10.0
RC-SS-P31-0	A326051	Composite Area 1, Grid P31, 0" Depth	PCB/8080	2	BDL	7.0
RC-SS-P32-0	A323990	Composite Area 1, Grid P32, 0" Depth	PCB/8080	2	1.0	7.0
RC-SS-Q28-0	A327569	Composite Area 1, Grid Q28, 0" Depth	PCB/8080	1	7.9	10.0
RC-SS-R28-0	A323980	Composite Area 1, Grid R28, 0" Depth	PCB/8080	1	1.1	10.0
RC-SS-R30-0	A323982	Composite Area 1, Grid R30, 0" Depth	PCB/8080	3	3.2	4.7
RC-SS-R31-0	A323983	Composite Area 1, Grid R31, 0" Depth	PCB/8080	2	BDL	7.0
RC-SS-R32-0	A323984	Composite Area 1, Grid R32, 0" Depth	PCB/8080	2	BDL	7.0

<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)
\*\* Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).





# PEPVP Area #15

#### Interior

Chain-of-Custody 16387

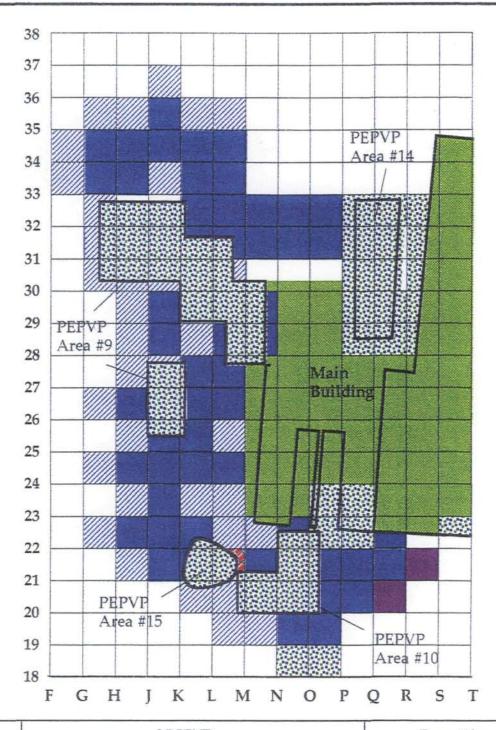
Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-K22-10	A319425	Composite Area 3, Grid K22, 10" Depth	PCB/8080	4	BDL	3.6
RC-SS-L20-10	A319424	Composite Area 3, Grid L20, 10" Depth	PCB/8080	2	BDL	7.1

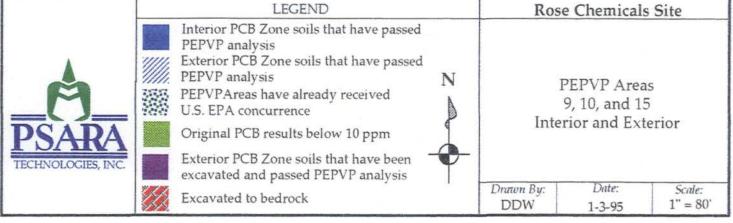


<sup>\*</sup> mg/kg is equivalent to parts per million (ppm)

\*\* Calculated value derived from compositing strategy equation presented on page 23 of <u>Verification of PCB Spill Cleanup by Sampling</u>

and Analysis (EPA-560/5-85-026).





# PEPVP Areas 9, 10, and 15 Interior

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-G33-North-10	A328611	Composite Area 1, Grid G33-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-G33-South-10	A328604	Composite Area 1, Grid G33-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-G34-North-10	A328607	Composite Area 1, Grid G34-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-G34-South-10	A328603	Composite Area 1, Grid G34-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-H22-North-10	A329106	Composite Area 3, Grid H22-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-H22-South-10	A329107	Composite Area 3, Grid H22-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-H24-North-10	A329097	Composite Area 3, Grid H24-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-H24-North-10-REP	A329098	Replicate, Grid H24-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-H24-South-10	A329091	Composite Area 3, Grid H24-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-H26-North-10	A326064	Composite Area 1, Grid H26-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-H26-South-10	A326066	Composite Area 1, Grid H26-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-H26-South-10-Rep	A326068	Replicate, Grid H26-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-H33-North-10	A325955	Composite Area 1, Grid H33-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-H33-South-10	A326520	Composite Area 1, Grid H33-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-H34-North-10	A328605	Composite Area 1, Grid H34-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-H34-South-10	A328613	Composite Area 1, Grid H34-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-J21-16	A326193	Composite Area 3, Grid J21, 16" Depth	PCB/8080	7	BDL	2.0
RC-SS-J22-10	A325581	Composite Area 3, Grid J22, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-J23-North-10	A327014	Composite Area 3, Grid J23-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-J23-South-10	A327015	Composite Area 3, Grid J23-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-J24-North-10	A329104	Composite Area 3, Grid J24-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-J24-South-10	A329105	Composite Area 3, Grid J24-South, 10" Depth	PCB/8080.	12	BDL	1.2
RC-SS-J25-10	A328870	Composite Area 3, Grid J25, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-J28-North-10	A329099	Composite Area 1, Grid J28-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-J28-South-10	A329100	Composite Area 1, Grid J28-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-J29North-16	A326834	Composite Area 1, Grid J29-North, 16" Depth	PCB/8080	11	BDL	1.3
RC-SS-J29South-16	A326833	Composite Area 1, Grid J29-South, 16" Depth	PCB/8080	12	BDL	1.2

## PEPVP Areas 9, 10, and 15 Interior

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-J34-North-10	A328612	Composite Area 1, Grid J34-North, 10" Depth	PCB/8080	1 11	BDL	1.3
RC-SS-J34-South-10	A328610		1	12	BDL	1.3
•	A328747	Composite Area 1, Grid J34-South, 10" Depth	PCB/8080	1 1	BDL	1.2
RC-SS-J35-North-10		Composite Area 1, Grid J35-North, 10" Depth	PCB/8080	11		1
RC-SS-J35-North-10Rep	A328738	Replicate, Grid J35-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-J35-South-10	A328748	Composite Area 1, Grid J35-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-K22-10	A325578	Composite Area 3, Grid K22, 10" Depth	PCB/8080	4	BDL	3.6
RC-SS-K24-North-10	A328871	Composite Area 3, Grid K24-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-K24-South-16	A329386	Composite Area 3, Grid K24-South, 16" Depth	PCB/8080	12	BDL	1.2
RC-SS-K25-North-22	A330019	Composite Area 3, Grid K25-North, 22" Depth	PCB/8080	11	BDL	1.3
RC-SS-K25-South-22	A330400	Composite Area 3, Grid K25-South, 22" Depth	PCB/8080	12	BDL	1.2
RC-SS-K26-16	A326191	Composite Area 1, Grid K26, 16" Depth	PCB/8080	9	1.6	1.6
RC-SS-K27-16	A326194	Composite Area 1, Grid K27, 16" Depth	PCB/8080	10	BDL	1.4
RC-SS-K31-16	A327016	Composite Area 1, Grid K31, 16" Depth	PCB/8080	4	BDL	3.6
RC-SS-K32-10	A327931	Composite Area 1, Grid K32, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-K33-10	A328742	Composite Area 1, Grid K33, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-K34-10	A328745	Composite Area 1, Grid K34, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-L24-North-10	A328746	Composite Area 3, Grid L24-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-L24-South-16	A329169	Composite Area 3, Grid L24-South, 16" Depth	PCB/8080	12	BDL	1.2
RC-SS-L26-16	A329168	Composite Area 1, Grid L26, 16" Depth	PCB/8080	9	BDL	1.6
RC-SS-L27-10	A328741	Composite Area 1, Grid L27, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-L28-16-Ext	A326522	Composite Area 1, Grid L28, 16" Depth	PCB/8080	5	BDL	2.8
RC-SS-L31-16	A327017	Composite Area 1, Grid L31, 16" Depth	PCB/8080	5	BDL	2.8
RC-SS-L32-10	A327932	Composite Area 1, Grid L32, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-L33-10	A328736	Composite Area 1, Grid L33, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-L34-10	A328750	Composite Area 1, Grid L34, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-M21-North-22	A328619	Composite Area 4, Grid M21-North, 22" Depth	PCB/8080	11	BDL	1.3
RC-SS-M21-South-16	A326623	Composite Area 4, Grid M21-South, 16" Depth	PCB/8080	12	BDL	1.2

### PEPVP Areas 9, 10, and 15 Interior

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	_ Method	per Composite	$(mg/kg)^*$	(mg/kg)*
RC-SS-M28/M29-10	A326459	Composite Area 1, Grids M28 & M29, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-M31-16	A326608	Composite Area 1, Grid M31, 16" Depth	PCB/8080	9	1.1	1.6
RC-SS-M32-10	A326606	Composite Area 1, Grid M32, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-N19-10	A325574	Composite Area 4, Grid N19, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-N22-10-EXT	A326192	Composite Area 4, Grid N22, 10" Depth	PCB/8080	3	BDL	4.7
RC-SS-N31-10	A327934	Composite Area 1, Grid N31, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-N32-10	A328609	Composite Area 1, Grid N32, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-O19-North-10	A325575	Composite Area 4, Grid O19-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-O19-South-10	A325573	Composite Area 4, Grid O19-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-O20-10	A327224	Composite Area 4, Grid O20, 10" Depth	PCB/8080	8	BDL	1.8
RC-SS-O21-10	A327226	Composite Area 4, Grid O21, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-O31-16	A329387	Composite Area 1, Grid O31, 16" Depth	PCB/8080	9	BDL	1.6
RC-SS-O32-10	A328615	Composite Area 1, Grid O32, 10" Depth	PCB/8080	10	BDL	1.4
RC-SS-P20-10	A328147	Composite Area 4, Grid P20, 10" Depth	PCB/8080	9	BDL	1.6
RC-SS-P21-22	A329389	Composite Area 4, Grid P21, 22" Depth	PCB/8080	10	BDL	1.4
RC-SS-Q20-North-10	A330330	Composite Area 4, Grid Q20-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-Q20-South-10	A330331	Composite Area 4, Grid Q20-South, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-Q21-North-16	A329090	Composite Area 4, Grid Q21-North, 16" Depth	PCB/8080	11	BDL	1.3
RC-SS-Q21-South-16	A329089	Composite Area 4, Grid Q21-South, 16" Depth	PCB/8080	12	BDL	1.2
RC-SS-Q22-North-16	A328155	Composite Area 4, Grid Q22-North, 16" Depth	PCB/8080	6	1.5	2.4
RC-SS-Q22-South-10	A328154	Composite Area 4, Grid Q22-South, 10" Depth	PCB/8080	7	BDL	2.0
RC-SS-R21-North-10	A330327	Composite Area 4, Grid R21-North, 10" Depth	PCB/8080	11	BDL	1.3
RC-SS-R21-North-10-Rep	A330328	Replicate, Grid R21-North, 10" Depth	PCB/8080	11	1.1	1.3
RC-SS-R21-South-10	A330329	Composite Area 4, Grid R21-South, 10" Depth	PCB/8080	12	BDL	1.2

# PEPVP Areas 9, 10, and 15 Exterior

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-F33-0-PEPVP	A329103	Composite Area 1, Grid F33, 0" Depth	PCB/8080	4	1.2	3.6
RC-SS-F34-0-PEPVP	A329102	Composite Area 1, Grid F34, 0" Depth	PCB/8080	4	2.7	3.6
RC-SS-G22-0-PEPVP	A329685	Composite Area 3, Grid G22, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-G24-0-PEPVP	A329684	Composite Area 3, Grid G24, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-G26-0	A326784	Composite Area 1, Grid G26, 0" Depth	PCB/8080	4	1.4	3.6
RC-SS-G30-0	A324554	Composite Area 1, Grid G30, 0" Depth	PCB/8080	1	2.5	10.0
RC-SS-G31-0	A324669	Composite Area 1, Grid G31, 0" Depth	PCB/8080	2	2.7	7.1
RC-SS-G32-0	A324667	Composite Area 1, Grid G32, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-G35-0-PEPVP	A329101	Composite Area 1, Grid G35, 0" Depth	PCB/8080	3	3.8	4.7
RC-SS-H21-0	A326791	Composite Area 3, Grid H21, 0" Depth	PCB/8080	3	4.0	4.7
RC-SS-H23-0	A326174	Composite Area 3, Grid H21, 0" Depth	PCB/8080	4	2.1	3.6
RC-SS-H25-0	A326778	Composite Area 3, Grid H25, 0" Depth	PCB/8080	3	4.7	4.7 ·
RC-SS-H27-0	A326052	Composite Area 1, Grid H27, 0" Depth	PCB/8080	1	6.6	10.0
RC-SS-H28-0-PEPVP	A329587	Composite Area 1, Grid H28, 0" Depth	PCB/8080	4	2.9	3.6
RC-SS-H29-0	A326781	Composite Area 1, Grid H29, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-H30-0	A324557	Composite Area 1, Grid H30, 0" Depth	PCB/8080	1	2.6	10.0
RC-SS-H35-0-PEPVP	A329163	Composite Area 1, Grid H35, 0" Depth	PCB/8080	4	1.6	3.6
RC-SS-J27-0	A326050	Composite Area 1, Grid J27, 0" Depth	PCB/8080	1	3.9	10.0
RC-SS-J30-0	A324665	Composite Area 1, Grid J30, 0" Depth	PCB/8080	3	1.1	4.7
RC-SS-J33-0	A324561	Composite Area 1, Grid J33, 0" Depth	PCB/8080	1	4.0	10.0
RC-SS-J36-0-PEPVP	A329164	Composite Area 1, Grid J36, 0" Depth	PCB/8080	3	1.7	4.7
RC-SS-K20-0	A326793	Composite Area 3, Grid K20, 0" Depth	PCB/8080	2	BDL	<b>7.1</b>
RC-SS-K23-0	A326175	Composite Area 3, Grid K23, 0" Depth	PCB/8080	1	4.8	10.0
RC-SS-K28-0	A324550	Composite Area 1, Grid K28, 0" Depth	PCB/8080	1 1	9.0	10.0
RC-SS-K35-0-PEPVP	A329162	Composite Area 1, Grid K35, 0" Depth	PCB/8080	3	BDL	4.7
RC-SS-L19-0	A323993	Composite Area 3, Grid L19, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-L20-0	A326794	Composite Area 3, Grid L20, 0" Depth	PCB/8080	2	BDL	7.1

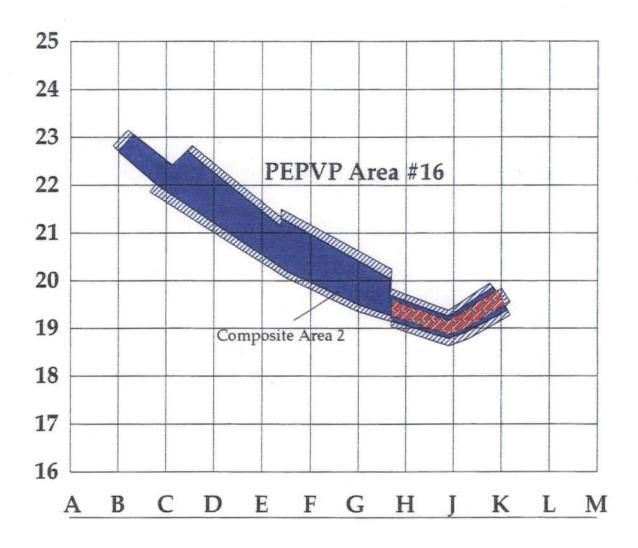
#### PEPVP Areas 9, 10, and 15 Exterior

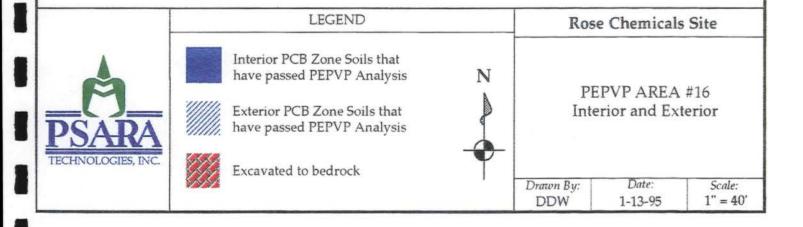
Composite Sample Identification	Laboratory Identification	Sample Location	Analyte/ Method	Number of Grab Samples per Composite	Analytical Result (mg/kg)*	Action Level** (mg/kg)*
RC-SS-L22-0	A324016	Composite Area 3, Grid L22, 0" Depth	PCB/8080	2 .	4.7	7.1
RC-SS-L23-0	A328149	Composite Area 3, Grid L23, 0" Depth	PCB/8080	3	1.9	4.7
RC-SS-L25-0	A328148	Composite Area 3, Grid L25, 0" Depth	PCB/8080	4	2.4	3.6 ;
RC-SS-L30-0	A325397	Composite Area 1, Grid L30, 0" Depth	PCB/8080	3	3.8	4.7
RC-SS-L35-0	A328445	Composite Area 1, Grid L35, 0" Depth	PCB/8080	3	2.2	4.7
RC-SS-M19-0	A323996	Composite Area 4, Grid M19, 0" Depth	PCB/8080	1 1	BDL	10.0
RC-SS-M22-0	A324017	Composite Area 3, Grid M22, 0" Depth	PCB/8080	1	2.7	10.0

<sup>\*</sup> mg/kg is equivalent to parts per million(ppm)

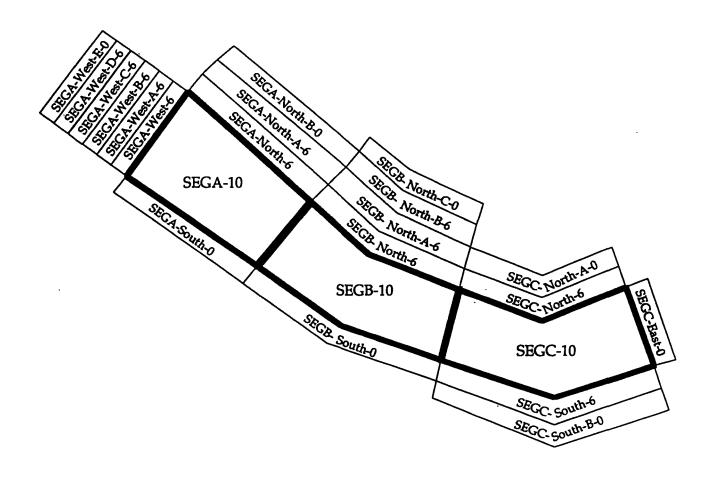
<sup>\*\*</sup> Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).

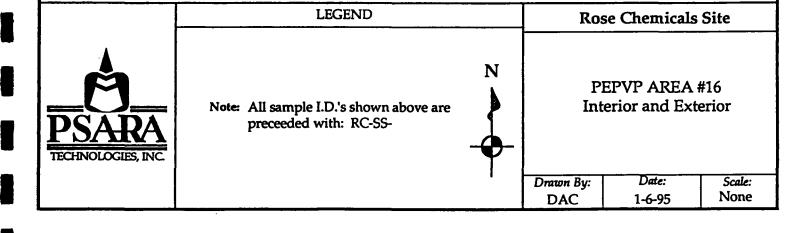
<sup>\*\*\*</sup> Chain-of-Custody-25123, 25102, 20883, 20860, 20861, 25111, 20885, 34141, 25122, 20888, 34143, 20887, 20877, 34135, 24124, 34142, 34145, 20890, 25120, 20880, 25119, 25118, 25121, 25126, 24921, 20853, 20856, 25107, 34148, 24921, 25110, 25115, 20882, 29884, 20895, 25122, 24922, 20893, 25131, 25129, 25128, and 2513





# PEPVP AREA #16





PEPVP Area 16 Interior

Chain-of-Custody 20875, 25115, 25106, 25117, 25126, 25131, and 25130

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-SEGA-10	A325934	Composite Area 2, SEGMENT A, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-SEGA-North-6	A328623	Composite Area 2, SEGMENT A, North, 6" Depth	PCB/8080	6	BDL	2.4
RC-SS-SEGA-North-A-6	A328622	Composite Area 2, SEGMENT A, North (A), 6" Depth	PCB/8080	6	BDL	2.4 .
RC-SS-SEGA-West-6	A328625	Composite Area 2, SEGMENT A, West, 6" Depth	PCB/8080	2	BDL	7.1
RC-SS-SEGA-West-A-6	A328624	Composite Area 2, SEGMENT A, West (A), 6" Depth	PCB/8080	2	BDL	7.1
RC-SS-SEGA-West-B-6	A328629	Composite Area 2, SEGMENT A, West (B), 6" Depth	PCB/8080	2	BDL	7.1
RC-SS-SEGA-West-C-6	A329391	Composite Area 2, SEGMENT A, West (C), 6" Depth	PCB/8080	2	BDL	7.1
RC-SS-SEGA-West-D-6	A330020	Composite Area 2, SEGMENT A, West (D), 6" Depth	PCB/8080	2	BDL	7.1
RC-SS-SEGB-10	A325935	Composite Area 2, SEGMENT B, 10" Depth	PCB/8080	12	BDL	1.2
RC-SS-SEGB-North-6	A327566	Composite Area 2, SEGMENT B, North, 6" Depth	PCB/8080	6	BDL	2.4
RC-SS-SEGB-North-A-6	A328628	Composite Area 2, SEGMENT B, North (A), 6" Depth	PCB/8080	6	BDL	2.4
RC-SS-SEGB-North-B-6	A328627	Composite Area 2, SEGMENT B, North (B), 6" Depth	PCB/8080	6	BDL	2.4
RC-SS-SEGC-North-6	A329824	Composite Area 2, SEGMENT C, North, 6" Depth	PCB/8080	6	1.9	2.4
RC-SS-SEGC-South-6	A329823	Composite Area 2, SEGMENT C, South, 6" Depth	PCB/8080	6	1.3	2.4

<sup>\*</sup> mg/kg is equivalent to parts per million(ppm)

<sup>\*\*</sup> Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).

### PEPVP Area 16 Exterior

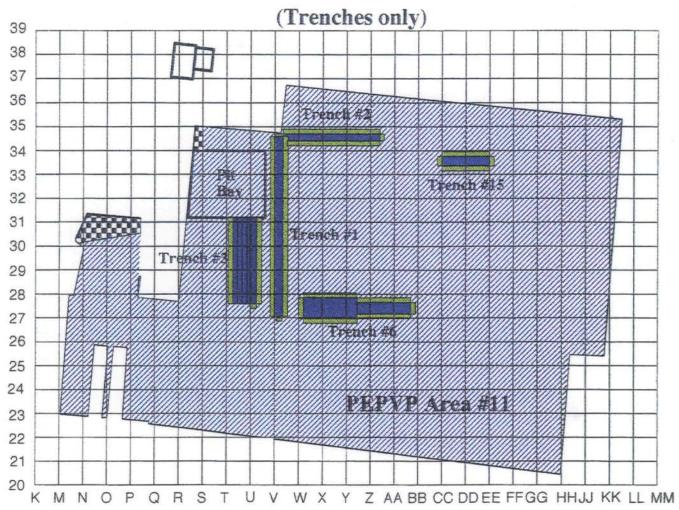
Chain-of-Custody 25106, 20899, 25131, 25199, and 20897

Composite Sample	Laboratory	Sample	Analyte/	Number of Grab Samples	Analytical Result	Action Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-SEGA-North-B-0	A328069	Composite Area 2, SEGMENT A, North (B), 0" Depth	PCB/8080	6	1.0	2.4
RC-SS-SEGA-South-0	A326529	Composite Area 2, SEGMENT A, South, 0" Depth	PCB/8080	6	1.1	2.4
RC-SS-SEGA-West-E-0	A330021	Composite Area 2, SEGMENT A, West (E), 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-SEGB-North-C-0	A328751	Composite Area 2, SEGMENT B, North (C), 0" Depth	PCB/8080	6	BDL	2.4
RC-SS-SEGB-South-0	A326532	Composite Area 2, SEGMENT B, South, 0" Depth	PCB/8080	6	BDL	2.4
RC-SS-SEGC-East-0	A327563	Composite Area 2, SEGMENT C, East, 0" Depth	PCB/8080	2	BDL	7.1
RC-SS-SEGC-North-A-0	A327567	Composite Area 2, SEGMENT C, North (A), 0" Depth	PCB/8080	6	1.8	2.4
RC-SS-SEGC-South-A-0	A327568	Composite Area 2, SEGMENT C, South (A), 0" Depth	PCB/8080	6	1.0	2.4

<sup>\*</sup> mg/kg is equivalent to parts per million(ppm)

<sup>\*\*</sup> Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).



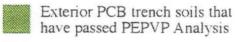


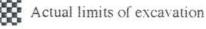




#### **LEGEND**

Interior PCB trench soils that have passed PEPVP Analysis





PEPVP Area #11 - has already received U.S. EPA concurrence





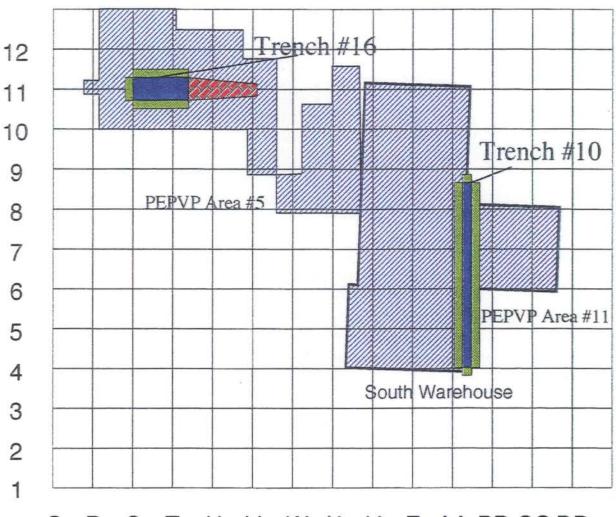
#### ROSE CHEMICAL SITE

PEPVP AREA #17 Trenches Interior and Exterior

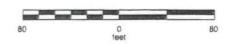
Note: Trench configurations are approximate

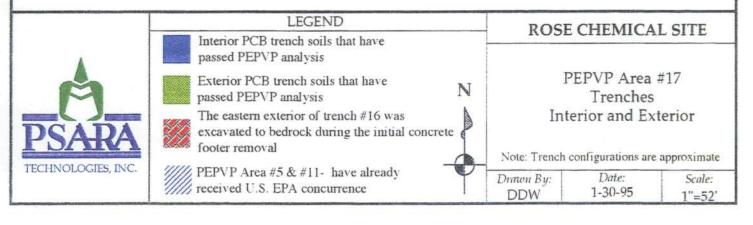
	-	* *
Drawn By:	Date:	Scale:
DDW	1-30-95	1"=80"

# PEPVP AREA #17 (Trenches only)



# Q R S T U V W X Y Z AA BB CC DD





# PEPVP Area #17 Trenches Interior

Chain-of-Custody 34142, 24914, 34144, 20885, 25110, 20887, 25133, 25143, and 25145

Composite			I	Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
70.00 7437 .1.4	100404	TD 1 100 37 of 60 75 of	DOD 10000	_		
RC-SS-T1North-6	A326186	Trench #1-North, 6" Depth	PCB/8080	7	BDL	2.0
RC-SS-T1-South-12	A327559	Trench #1-South, 12" Depth	PCB/8080	7	BDL	2.0
RC-SS-T2-East-6	A325584	Trench #2-East, 6" Depth	PCB/8080	7	BDL	2.0
RC-SS-T2-West-12	A326790	Trench #2-West, 12" Depth	PCB/8080	7	BDL	2.0
RC-SS-T3-North-12	A327217	Trench #3-North, 12" Depth	PCB/8080	7	BDL	2.0
RC-SS-T3South-6	A326183	Trench #3-South, 6" Depth	PCB/8080	7	BDL	2.0
RC-SS-T3-West-EXT-12	A329165	Trench #3-West, 12" Depth	PCB/8080	5	BDL	2.8
RC-SS-T3-West-EXT-A-6	A330188	Trench #3-West-EXT-A, 6" Depth	PCB/8080	5	BDL	2.8
RC-SS-T3-West-EXT-B-6	A330709	Trench #3-West-EXT-B, 6" Depth	PCB/8080	5	BDL	2.8
RC-SS-T3-West-C-12	A332198	Trench #3-West-C, 12" Depth	PCB/8080	5	BDL	2.8
RC-SS-T3-West-D-6	A332199	Trench #3-West-D, 6" Depth	PCB/8080	5	BDL	2.8
RC-SS-T3-West-D-6-REP	A332200	Replicate-Trench #3-West-D, 6" Depth	PCB/8080	5	BDL	2.8
RC-SS-T6-East-A-36	A329680	Trench #6-East A, 36" Depth	PCB/8080	10	BDL	1.4
RC-SS-T6-East-B-36	A329681	Trench #6-East B, 36" Depth	PCB/8080	9	BDL	1.6
RC-SS-T6-South-Ext-6	A332933	Trench #6-South, 6" Depth	PCB/8080	10	BDL	1.4
RC-SS-T6-West-A-N-54	A332202	Trench #6-West A-North, 54" Depth	PCB/8080	4	BDL	3.6
RC-SS-T6-West-A-S-54	A332203	Trench #6-West A-South, 54" Depth	PCB/8080	5	BDL	2.8
RC-SS-T6-West-B-N-54	A332204	Trench #6-West B-North, 54" Depth	PCB/8080	4	BDL	3.6
RC-SS-T6-West-B-S-60-Bottom	A332499	Trench #6-West B-South-Bottom, 60" Depth	PCB/8080	2	BDL	7.1
RC-SS-T6-West-B-S-60-Top	A332498	Trench #6-West B-South-Top , 60" Depth	PCB/8080	2	BDL	7.1
RC-SS-T10-North-12	A328446	Trench #10-North, 12" Depth	PCB/8080	7	BDL	2.0
RC-SS-T10South-6	A326180	Trench #10-South, 6" Depth	PCB/8080	7	1.2	2.0
RC-SS-T15-West-30	A330190	Trench #15-West, 30" Depth	PCB/8080	12	BDL	1.2
RC-SS-T16-East-6	A326047	Trench #16-East, 6" Depth	PCB/8080	8	BDL	1.8
RC-SS-T16-West-6	A326046	Trench #16-West, 6" Depth	PCB/8080	7	BDL	2.0

<sup>\*</sup> mg/kg is equivalent to parts per million(ppm)

<sup>\*\*</sup> Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).

### PEPVP Area #17 Trenches Exterior

Chain-of-Custody 25106, 25103, 25122, 25143, 25146, 25147, and 25138

Composite				Number of	Analytical	Action
Sample	Laboratory	Sample	Analyte/	Grab Samples	Result	Level**
Identification	Identification	Location	Method	per Composite	(mg/kg)*	(mg/kg)*
RC-SS-T1-East-Ext-0	A328066	Trench #1-East, 0" Depth	PCB/8080	11	1.0	1.3
RC-SS-T1-North-Ext-0	A328063	Trench #1-North, 0" Depth	PCB/8080	1	7.1	10.0
RC-SS-T1-South-Ext-0	A328064	Trench #1-South, 0" Depth	PCB/8080	1 1	BDL	10.0
RC-SS-T1-West-Ext-0	A328065	Trench #1-West, 0" Depth	PCB/8080	11	BDL	1.3
RC-SS-T2-East-Ext-0	A327918	Trench #2-East, 0" Depth	PCB/8080	1 1	2.8	10.0
RC-SS-T2-North-Ext-0	A327916	Trench #2-North, 0" Depth	PCB/8080	9	BDL	1.6
RC-SS-T2-South-Ext-0	A327917	Trench #2-South, 0" Depth	PCB/8080	9	BDL	1.6
RC-SS-T2-West-Ext-0	A327919	Trench #2-West, 0" Depth	PCB/8080	1 1	2.6	10.0
RC-SS-T3-East-Ext-0	A327922	Trench #3-East, 0" Depth	PCB/8080	5	BDL	2.8
RC-SS-T3-South-Ext-0	A327921	Trench #3-South, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-T3-West-E-0	A332201	Trench #3-West-E, 0" Depth	PCB/8080	5	1.1	2.8
RC-SS-T6-East-Ext-0	A332660	Trench #6-East-Ext, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-T6-North-Ext-0	A332658	Trench #6-North-Ext, 0" Depth	PCB/8080	10	BDL	1.4
RC-SS-T6-South-A-0	A332934	Trench #6-South-A, 0" Depth	PCB/8080	10	BDL	1.4
RC-SS-T6-West-Ext-0	A332659	Trench #6-West-Ext, 0" Depth	PCB/8080	1	2.4	10.0
RC-SS-T10-East-Ext-0	A329093	Trench #10-East, 0" Depth	PCB/8080	10	BDL	1.4
RC-SS-T10-North-Ext-0	A329095	Trench #10-North, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-T10-South-Ext-0	A329096	Trench #10-South, 0" Depth	PCB/8080	1	BDL	10.0
RC-SS-T10-West-Ext-0	A329094	Trench #10-West, 0" Depth	PCB/8080	10	BDL	1.4
RC-SS-T15-East-Ext-0	A330711	Trench #15-East, 0" Depth	PCB/8080	1	5.7	10.0
RC-SS-T15-North-Ext-0	A330712	Trench #15-North, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-T15-South-Ext-0	A330713	Trench #15-South, 0" Depth	PCB/8080	4	3.3	3.6
RC-SS-T15-West-Ext-0	A330714	Trench #15-West, 0" Depth	PCB/8080	1	6.4	10.0
RC-SS-T16-North-Ext-0	A327913	Trench #16-North, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-T16-South-Ext-0	A327914	Trench #16-South, 0" Depth	PCB/8080	4	BDL	3.6
RC-SS-T16-West-Ext-0	A327915	Trench #16-West, 0" Depth	PCB/8080	1	BDL	10.0

<sup>\*</sup> mg/kg is equivalent to parts per million(ppm)

<sup>\*\*</sup> Calculated value derived from compositing strategy equation presented on page 23 of Verification of PCB Spill Cleanup by Sampling and Analysis (EPA-560/5-85-026).